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Catalogue  
No 24

U.S. DEPARTMENT OF AGRICULTURE  
Library  
Summer and Fall  
**CATALOGUE**

**HASTINGS**

**GARDEN SEEDS**

**BULBS,**

**AND ROSES**

**FOR 1902**

*Specially selected and grown  
for the Southern States.*

**H. G. HASTINGS & CO.,**

**ATLANTA, GEORGIA.**

RECORD, ENG. ST. AUGUSTINE, FLA.

# How We Grow



WO YEARS AGO, when we fitted up our store at 4 West Mitchell Street, we thought we had ample room to do business in for years to come. We were mistaken. This past spring season crowded us to such an extent that carload after carload of seeds had to be stored in other warehouses. This crowded condition has necessitated new and larger quarters, and before this catalogue of seeds is in your hands we will be installed in our new quarters at 35 Marietta Street, a four-story building with a splendid basement for the storage of our potatoes. The growth of our business during the past two

years has been phenomenal, far beyond our greatest expectations, far beyond that of any other seed house in the country.

Naturally, this is very gratifying to us and we know that it will be gratifying to our customers, thousands of whom are personal friends.

When we established this business we went to work along new lines. We established a seed business of and for the South only. We sold seeds that were selected and grown for use in the Southern States, seeds that were adapted to our peculiar soils and climate. We are the first, and we are today the only seed house in the South that cut entirely loose from the wholesale seed dealers of the North as a source of supply. We found it impossible to obtain from the wholesale dealers a grade of seed suited to our requirements. We had to establish a complete growing system of our own to get the high quality we wanted in seeds. We could not buy them. There were no seeds such as we wanted on the market. We had to strike out along entirely new lines in seed growing.

The growth of our business in these recent years has fully demonstrated that

## ✧ Honest Seeds Always Pay. ✧

They certainly pay the planter and it pays us to sell them. We have done what was deemed the impossible in the seed trade, built up an extensive business in the South in the face of the most severe competition ever known. There is not a Northern seed house doing business in the South that has not tried to break us down, but we are here now, with a business growing more rapidly than ever before. This business has been built on honest seeds and prompt, reliable and liberal treatment of those who buy from us. It pays us to sell you honest seeds; it pays you to plant them. We expect a largely increased business from this catalogue. We expect our business to grow largely this summer and fall and you will grow better and larger crops if you plant **Hastings' Seeds**, that have been grown for you to plant for your fall and winter crops.

## Read Before Ordering

We prepay the postage on all seeds ordered by the packet, ounce, pound, pint or quart.

When ordered sent by express or freight, 8 cents per pound, 8 cents per pint, or 15 cents per quart, may be deducted from Catalogue price, except where noted.

All orders are shipped, so far as possible, on the same day as received.

All orders from correspondents must be accompanied with cash. Purchasers will please send sufficient funds to cover the full amount of their order, otherwise seed only to the amount will be forwarded. Should the remittance be more than sufficient we will return it.

Remittances may be made by Draft on New York, money in Registered Letter, Express or Postoffice Money Order, payable at Atlanta, Ga.

Use the enclosed Order Sheet and read it over carefully before sending, being sure your name, town, county and state address is all right. It is quite a common thing for us to receive orders and letters with the name, town and state left off.

Keep a copy of your order and verify it on the arrival of your seeds.

Stamps in ones and twos will be accepted to the amount of 50 cents only.

If you only want five cents' worth of seeds at a time, don't be afraid to send to us because the order is small. Small orders receive the same careful attention that a larger one does.

# HASTINGS' SEASONABLE SEEDS

FOR

## Summer and Fall Plantings

In the South Atlantic and Gulf States

**RIGHT QUALITY. RIGHT VARIETIES. RIGHT PRICES.**

**SEEDS POSTPAID BY MAIL**—Remember that the prices given in this list include the delivery of all seeds where noted. Send us the amount named in this Catalogue and we guarantee safe delivery by mail in these quantities.

**LIBERAL PREMIUMS**—Please bear in mind that on **Seeds in Packets and Ounces only**, except Cauliflower in ounces (no quarter pounds, pounds, pints or quarts) the purchaser may select 25 cents worth extra on each dollar sent. This does not apply to orders for collections, prices of which are net.

**COST OF SENDING MONEY**—In all cases where the order for seeds amounts to One Dollar or more, the cost of postoffice or express money order or cost of registering the letters from places that are not money order offices, may be deducted from the amount.

**STAMPS**—On orders for seeds where the amount is less than 50 cents, we will accept postage stamps in good condition (one cent and two cent stamps preferred) the same as cash, but we would ask those remitting stamps to wrap them in oiled paper, if possible, to prevent them sticking together or to the order.

**SPECIAL EXPRESS RATES**—We have obtained from the Southern Express Co. a special express rate on seeds shipped from us to our customers. The special rate is equivalent to a reduction of about one-third from the regular rates, and on shipments of less than 30 pounds we can in most cases ship by express cheaper than by freight. As a rule we can ship 15 pounds of seed or a peck of peas, or beans, or corn to any point reached by the Southern Express Co. for 35 cents. This does not apply to points on the Wells-Fargo, American or Pacific Express. The cost in those cases will be 35 cents for each company on a 10 or 15 pound shipment, making a charge of 70 cents for a point when shipment is handled by two different express companies.

(While we exercise the greatest care to have all seeds pure and reliable, we give no warranty, express or implied, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once, and any money that has been paid for them will be refunded. Every order received for articles in this Catalogue will be filled on these conditions only.)

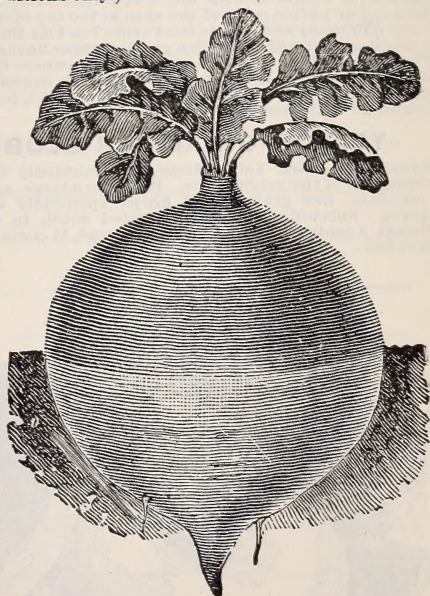
## BIG 7

TURNIP  
COLLECTION

### 7 Ounces 25c.

This superb collection will give every family in the South a full supply of early, medium and late turnips for fall and winter use. No other seedsman offers you such a bargain as this. For 25 cents we will send you postpaid one ounce each of Extra Early White Egg, Purple or Red Top Strap Leaf, Early White Flat Dutch, Purple or Red Top Globe, Yellow or Amber Globe, Seven Top and Improved American Rutabaga; 7 ounces of Turnip, all different, for 25 cents delivered at your postoffice. No other varieties will be sold at this price and no changes will be allowed in this collection.

**SEND FOR IT NOW.**



Improved American Rutabaga.

**"ENTIRE SATISFACTION."**

EDNA, TEXAS, May 18.

I can say for your seeds that they have given me entire satisfaction.

J. M. TRONSDALE.

# Summer and Fall Plantings of Turnips

## IN THE SOUTH

Are the most important. We sell tons of turnip seed every year. We are making a specialty of high grade turnip seed for the South. We satisfy the planters by giving them the best grade that can be grown. If you have planted our turnip seed you know that it is the best to be had. We use every care that experience can suggest in growing the very best of turnips that can be grown.

## Our Prices Include Postage Paid.

**Culture**—Turnips do best in new ground, but can be successfully grown on land that is well manured or fertilized. Turnips should not be grown on land to which fresh stable manure has been applied for some months after the manure has been applied. Fresh manure makes spotted turnips. Sow rutabagas from July 15th to September 1st in this latitude; turnips from August 1st to October 1st. Sowings in Florida and near the Gulf may be made a month later than these dates.

### PURPLE OR RED TOP GLOBE.

The most popular variety in the South for general planting. It is medium early, globe shape, very handsome in appearance and an extra heavy cropper in all parts of the South. You cannot plant too many of them either for home use or market. It's always of good quality; a good keeper and a good seller in the market. Packet, 3 cents; ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound 45 cents, postpaid.

### EARLY WHITE FLAT DUTCH.

One of the most popular early varieties in the South. Of medium size and a quick grower. Is flat (as shown in the illustration) with very small tap root. Flesh pure white, fine grained and sweet. Packet, 3 cents; ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents, postpaid.

### EARLY RED OR PURPLE TOP.

This is another popular variety of early flat turnip, being almost identical with the Flat Dutch except for the deep red or purple color of the skin at the top of the bulb. Known in many sections as the Purple Top Flat Dutch. It's a quick grower with very fine grained sweet flavored flesh. The red top of the bulb extending down to where it rests in the soil adds very much to the attractive appearance of this popular variety. Packet, 3 cents; ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound 45 cents.

### YELLOW OR AMBER GLOBE,

Sometimes called Yellow Stone. Undoubtedly the most handsome of the yellow sorts. Grows to a large size, flesh very firm, fine grained and keeps splendidly well into spring. Succeeds well when planted South in the fall. Packet, 3 cents; ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents.



Purple or Red Top Globe.

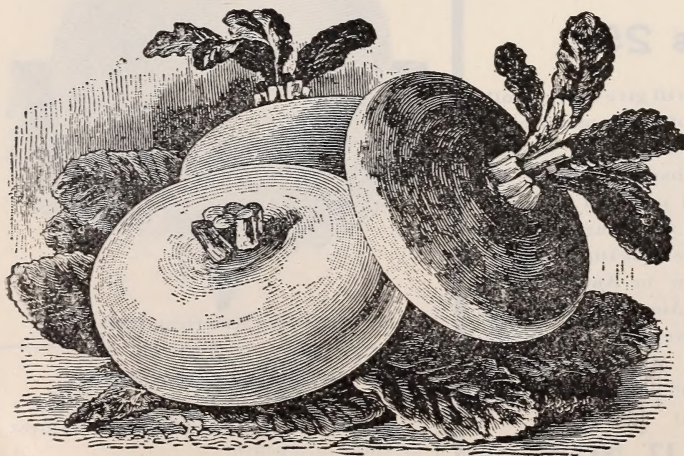
**REMEMBER** Our Prices Include Postage **PAID**

### EXTRA EARLY MILAN.

The earliest of all turnips. A flat, purple top variety resembling the Early Red or Purple Top very closely, but is two weeks earlier. Perfect in shape and color, sweet and fine grained. Seed supply of this very short. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 70 cents.

### GOLDEN BALL.

A splendid and distinct yellow variety. Fine grained, medium sized variety, as round as a ball with a clear deep orange color. Bulbs of medium size, a rapid grower, maturing early. Has small tap roots. This is the finest flavored of all the yellow varieties for table use. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 50 cents.



White Flat Dutch—Purple or Red Top Strap Leaf.

# Remember

**OUR PRICES INCLUDE POSTAGE** on all seeds in packets, ounces, quarter pounds, pounds, pints and quarts. Larger quantities by express or freight are not prepaid.

To H. G. HASTINGS & CO., ATLANTA, GA.

**Please forward the following Seeds by \_\_\_\_\_ to \_\_\_\_\_**  
(State here whether by Mail, Express or Freight)

(State here whether by Mail, Express or Freight)

**Enclosed Please Find**

P. O. Order \_\_\_\_\_

### Express Order \_\_\_\_\_

# Draft

Cash \_\_\_\_\_

(By Registered Letter only.)

Postage Stamps -----

No matter how often you write us **ALWAYS** give your **NAME** and **ADDRESS** in full. Always state how you want your order sent, whether by Mail or Express. Attach both **Name** and **Price** to each article ordered. **ALWAYS WRITE YOUR NAME PLAINLY.**

[illegible]

If we are sold out of any variety ordered do you wish us to substitute something equally as good?\_\_\_\_\_



## Extra Early White Egg.

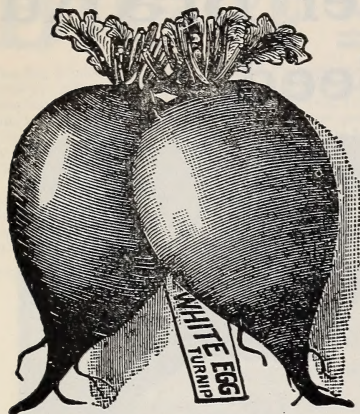
The finest flavored of all early turnips and with favorable seasons is ready for table use in six weeks from sowing. Skin and flesh are a pure snow white; solid, fine grained, sweet and a good keeper. Looks very attractive bunched for sale and gardeners with this variety have no difficulty in selling at top prices. Packet, 3 cents; ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 50 cents.

### SOUTHERN SNOW WHITE GLOBE.

Color pure white, shape round, size large, solid, quick in growth for a large turnip, producing a great weight to the acre. Rapidly growing in popular favor, more especially as a late winter and spring variety. In the autumn and early winter it is apt to be hard, but mellows like an apple by keeping. It is productive, hardy, and closely resembles in size and shape the popular Purple Top Globe. Packet, 3 cents; ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 50 cents.

### HASTINGS' MIXED TURNIPS.

A splendid mixture of our own containing some of each variety of turnips and rutabagas catalogued by us. This mixture is made to supply the demand of the thousands of planters who wish to make only one sowing and at the same time have a succession of turnips to supply them all through the fall and winter. This mixture contains all the early, medium and late varieties and "salad" varieties for "greens." Packet, 3 cents; ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 50 cents.



### LONG WHITE OR COW HORN.

Another popular Southern variety for fall planting. Roots are long and carrot shaped, one-third to one-half of which is formed above ground. It roots deeply, resisting drought well. Flesh is pure white, fine grained, sweet and of excellent table quality. This variety is now being used largely to sow with Dwarf Essex Rape for winter pasture for sheep and hogs and has been found to be a very desirable combination, both of them being hardy and resistant to cold. Packet, 3 cents; ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents.

### POMERANIAN WHITE GLOBE.

An extra heavy cropper, desirable where large size and quantity rather than quality is wanted. Very large white globe shaped variety. Packet, 3 cents; ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents.

### YELLOW ABERDEEN.

(Purple Top). A favorite, resisting both heat and cold well. Good size and a splendid keeper. Packet, 3 cents; ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents.

## Southern Salad Turnips

FOR WINTER AND SPRING  
"GREENS."

### SEVEN TOP.

The most popular variety for winter and early spring "greens" in the South. Very hardy, growing all through the winter. Can be cut at all times, giving a supply of fresh vegetable matter at times when nothing else is available. Can be sown from August 'till December. Packet, 3 cents; ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 40 cents.

### SOUTHERN PRIZE.

An improvement on the Seven Top, being a larger and more vigorous grower and in this latitude it has resisted the freezes of severe winter better than the old variety. Packet, 3 cents; ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents.

### FULTON MAMMOTH.

A splendid combination turnip giving double the quantity of salad that the Seven Top does and makes good edible bulbs weighing from three to eight pounds each. Growth very large and vigorous. Has been grown in this section for several years and has a splendid reputation with all who know it. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.



Seven Top Turnip.

## Hastings' Improved American Rutabaga.

SEE ILLUSTRATION OF THIS VARIETY ON PAGE 1.

Our Improved American is the best and heaviest cropper of all rutabagas for the South. This variety has been grown and improved for years to meet the wants and trade of the most critical market gardeners. It is of fine form, with a rich purple colored top and yellow flesh of very pleasing appearance. Flesh is tender and sweet and exceptionally free from stringy, hard flesh. It has a comparatively small top, small and fine roots, and a sure and heavy cropper. Those who grow rutabagas for late winter markets and stock feeding will find this a most excellent variety. If you grow rutabagas you cannot afford to be without our "Improved American." Packet, 3 cents; ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents, postpaid.

### BREADSTONE.

This variety was introduced as a turnip and was listed by us as such for several years. We are convinced by several years' test that it is really a rutabaga, although it is as fine grained and sweet flavored as the best varieties of turnips. Of medium size and quick growth with perfectly smooth roots; white, with light green top. Flesh white, fine grained and cooks in 15 minutes. For a white, quick growing rutabaga it is unexcelled. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

### RELIABLE AND GOOD.

CLAY CO., FLA., Feb. 22.

I find your seed reliable and good to depend on for a market gardener.

E. D. SOUTER.

# Hastings' Premier Brand Cabbage Seed.



A single head of "ALL-HEAD EARLY," grown near Atlanta, Ga.  
From Hastings' "PREMIER BRAND" Cabbage Seed.

We sell the highest grade of cabbage seed of any seedhouse in the country. For 12 years we had the best obtainable up to that time. Our customers were generally satisfied, but we were not. It took us years to get to the point that we could get this "Premier Brand" grown, but we now have it, something of so high a grade that you can't get it of anyone else. It is grown for us exclusively by the best cabbage seed grower in America.

Every head of cabbage from which our "Premier Brand" of seed is grown is carefully selected. Every head that is not absolutely true in shape, size and solidity is thrown out and destroyed. Every head that does not come up to the standard of the most exacting cabbage seed grower in the country is rejected. In this way every ounce of seed produced is what is known as "stock seed" among the seed growers. Every variety of cabbage seed in this catalogue is grown under those conditions. No matter what variety you buy from us you get the very best seed. No seedsman North, South, East or West has it. It's grown for H. G. Hastings & Co., of Atlanta, exclusively. It costs us from 100 to 200 % more to grow it than the grades sold by other seedsmen, but we believe in getting for our customers the best that can be grown. Nothing is too good for them. We began selling our "Premier Brand" cabbage one year ago. Since that time our sales of cabbage seed alone have more than doubled. It's because we furnish the best. Our "Premier Brand" cabbage seed would be cheap at \$10.00 per pound compared with the grade sold by many other seedsmen at from \$1.25 to \$2.00 per pound and which costs less than one-half as much to grow.

Look at the above picture taken from a photograph. It's as pretty a head of cabbage as can be grown. It did not have special treatment. It is simply a head of cabbage taken from a market gardener's crop grown from Hastings' "Premier Brand" seed. If you are a good gardener and will give your crop good, careful cultivation you can have just as good cabbage as this.

Summer and Fall plantings of cabbage in the South are the heaviest of the year. It is also the most trying period of the year on cabbage seed germination. You need the strongest, healthiest, most vital seed you can get for sowing now. Our "Premier Brand" seed is what you need. If you have never planted it before use it this summer and fall. If you have planted it before we are sure of your orders again.

## Why Not Grow Cabbage Like This?

# BIG 4 CABBAGE COLLECTION

Has for years been the standard in gardens in every Southern State. Tens of thousands of these collections are sold by us every year, and each year the demand increases. It is popular for four reasons: 1st. It gives every market gardener a chance to test four superb market varieties at a small cost. 2d. The 25 cents spent for this collection gives the buyer greater returns for the money spent, in the way of a cabbage crop, than he can get from any other seed house in the country. 3d. We give as a premium on every "Big 4" collection sold one year's subscription to the "Southern Ruralist," the best monthly paper published for the farmer and gardener.

The "Big 4" collection consists of one large packet each of our prize cabbages for the South—**Sure Crop, Long Island Wakefield, Florida Drumhead, and Centennial Flat Dutch.** This has for years been known as our "Big 4" collection. (See descriptions of the varieties and illustrations.) At full Catalogue prices these 4 packets of cabbage seed would cost you 40 cents and the "Ruralist" 25 cents—65 cents in all. By ordering the "Big 4" you get full 65 cents value for 25 cents. No other house gives you so much for the money.

## FROM TEXAS.

I am convinced that no collection of Cabbage Seed can give better results than Hastings' "Big Four." I advise my neighbors to try it just one time and be convinced.

W. B. TAYLOR,  
McDade, Texas.

## FROM FLORIDA.

I have been in the truck business for 13 years, and never had complete success until I began using your seeds. This year I tried the "Big Four" collection, and have cabbage over four feet across. My garden is simply a beauty, and to all my friends I recommend your seeds as genuine in every way. I heard a prominent citizen of this county say the other day that "a man who did n't use Hastings' seed did n't deserve to succeed."

H. L. COWART, DeSoto County, Florida.



**Hastings' Long Island Wakefield Cabbage.** making it desirable for either summer or spring planting in the Gulf States, and for September and October planting in Florida. A short-stemmed medium early, and grows very compactly, the leaves turning in to make the head. Can be planted closer than most Drumhead varieties. Large, very solid, round and flattened on top. A strong grower and a sure header. Weighs from 10 to 25 pounds. "Premier Brand" seed. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 65 cents; pound, \$2.00.

## HASTINGS' ALL-HEAD EARLY.

Our strain of the "All-Head Early" is the finest in existence for a medium sized, flat, early cabbage. See the picture reproduced from a photograph of a single head of "All-Head Early" grown by one of the market gardeners near Atlanta. We think you will agree with us that it's a cabbage that's hard to beat. It's an extra early flat head variety. It's a sure header with half a chance; well named "All-Head" as it has few outer leaves. One week earlier than the famous Early Summer. You will be pleased with it. "Premier Brand" seed. Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

## HASTINGS' LONG ISLAND WAKEFIELD CABBAGE.

The largest, earliest, surest header of any of the large Wakefield strains. Earlier, larger and finer bred than any of the strains of Charleston Wakefield. One and a half to two pounds heavier, firmer, better shape and more solid than our selected Early Jersey Wakefield, but matures 10 days later. In good soil and with favorable weather conditions it is often ready for use in 50 days from transplanting. It is a gem for those desiring a first-class pointed cabbage. "Premier Brand" seed. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 75 cents; pound, \$2.50.

## FLORIDA DRUMHEAD CABBAGE.

This variety combines all the good qualities of the Drumhead class with both heat and cold resisting qualities. Large, very solid, round and flattened on top.



Hastings' Florida Drumhead.

## BEST IN SIXTEEN YEARS.

I have been a gardener for 16 years, but never had such success as I have had this year using your seeds. Notwithstanding the cold spring and an April frost, your seed all germinated and produced strong, healthy plants which withstood the cold. I never raised such cabbage in my life—my garden was the talk of the town.

J. M. CAROTHERS, Taylor, Texas.



Hastings' Sure Crop Cabbage.

## Hastings' Sure Crop Cabbage

For over 12 years the leading large early cabbage for the South. During that time we have sold thousands of pounds of seed of this variety all over the South to home and market gardeners both for spring and fall plantings. It gives entire satisfaction. It is today the earliest and surest header of all the large flat round varieties. It's a prize cabbage. Its quality is excellent, being crisp, tender and solid. On good soil it makes heads weighing from 8 to 10 pounds and where it is rightly cared for scarcely a plant will fail to form a head. It is a first-class variety for July and August planting in the lower half of Georgia, Alabama, Mississippi, Louisiana, and Texas for maturing in the late fall and early winter. For September and October planting in Florida it is unexcelled. "Premier Brand" seed. Large packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; oz., 25 cents;  $\frac{1}{4}$  pound, 75 cents; pound \$2.50.

**"Never Fail."**—Have used your seed for three years and never fail to get a stand. I was the only one that raised a cabbage in my community last year.

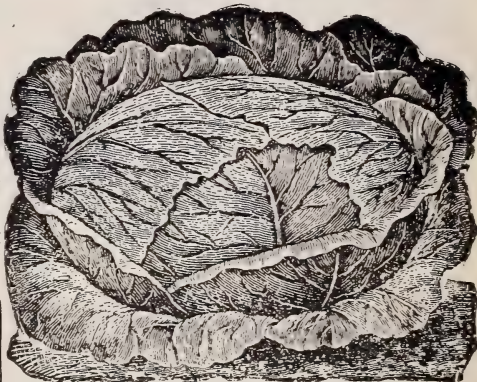
W. B. BRYAN.

### HASTINGS' CENTENNIAL FLAT DUTCH.

Our best variety of large, late, Flat Dutch Cabbage. It's a good reliable header, admirably adapted to all parts of the South for summer and fall planting in all parts of the South. It is large and solid weighing from 6 to 10 pounds (from summer and fall planting) according to soil and cultivation. This variety is very resistant to cold and is especially valuable to plant on lands subject to heavy and repeated frosts during the winter months. No variety equals it in ability to withstand repeated and heavy frosts and freezes with little or no injury. If you are subject to heavy frosts you will make no mistake planting our Centennial. "Premier Brand" seed. Large packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 65 cents; pound, \$2.00.

#### IN GEORGIA.

I ordered seed from you last year. Mine were the finest cabbage grown in this country. I will always plant Hastings' cabbage seed as long as I can get them. Planted 2 acres in cabbage last year and sold \$900 worth in Columbus market. J. W. ROZIER, Gentian, Ga.



Hastings' Centennial Flat Dutch.

#### MARKET GARDENERS' PRICES.

The prices in this Catalogue are for seeds in ordinary quantities. Market Gardeners, Agricultural Associations and State and County Institutions using seeds in large quantities are requested to send us a list of their wants for special quotations.

#### HASTINGS' EMERALD KING.

A superb early cabbage of our own introduction. It has had several years thorough test in all parts of the South, and is now a recognized standard variety among our customers. An early, flat, very solid variety that can be grown for either early or late crop. Of fair size, heads averaging from 5 to 8 pounds, grows very uniformly; is a sure header, and does not burn or blister easily in the hottest and driest weather; an unexcelled variety to withstand droughts. It is of a dark, glossy green color, holding up its color long after other sorts wilt and fade. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 70 cents; pound, \$2.25, postpaid.



Hastings' Emerald King.

# Hastings' Sure Head Cabbage.

Our special strain of Sure Head is the most popular cabbage in the South. It never fails to make fine large solid heads with few outer leaves as shown in our illustration. It is the result of a cross between the Early Flat Dutch and the Drum-head and has the good points of both combined. It's a strong, vigorous grower, maturing late for main crop, and is very uniform in size, shape and color. The only objection to it for shipping purposes, is that in a wet season it grows too large to pack well in crates. "Premier Brand" seed. Packet, 5 cents;  $\frac{1}{4}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

## SUCCESSION.

A large, flat cabbage, introduced in 1888. About ten days later than Early Summer, but is nearly double its size. A good strain and reliable header; a favorite in many parts of Florida, Georgia and Texas for late summer and fall planting. Our seed is grown from original stock. "Premier Brand" seed. Packet, 5 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.



Hastings' Sure Head Cabbage.

## "HASTINGS' SEEDS PERFECT."

Cabbage seed purchased of you was a perfect success. I don't see how you could improve on it. It made 85 % of good marketable heads. Your lettuce was perfect both in germination and heading. I bought 10 pounds of beet seed from you. They were perfect also and the quality can't be beat. Before this, I have split my orders and must say that I have had best results with your seed. I never have a failure with your seed.

J. W. BALL, Daytona, Fla.

## Danish Ball-Head

Also known as "Hollander." It is a very handsome and extremely hardy late cabbage, a favorite with many of our South Texas customers for late summer planting. It is exclusively a variety for fall planting in the South. It thrives well on thin soils and in highly exposed situations. Heads are of good marketable size, not quite as large as our Centennial Flat Dutch but very hard, almost round, very fine grained and will weigh one-fourth more than any other varieties of equal size. Wherever tried in the lower South it has proven a splendid variety for fall and winter growth. "Premier Brand" seed. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 65 cents; pound, \$2.25.

## HASTINGS' SELECTED JERSEY WAKEFIELD.

Almost every one knows the popular Early Jersey Wakefield Cabbage. Comparatively few know the superiority of our strain of this variety. It's grown with the greatest care and a well cultivated crop shows the greatest regularity of size, shape and solidity. If you are growing the Early Wakefield you cannot afford to be without our extra select seed. It pays to use it. "Premier Brand" seed. Packet, 5 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 65 cents; pound, \$2.25.



Danish Ball-Head.

## How to Grow Cabbage:

South sent free on request. It's of value to every cabbage grower in the South.

Our new illustrated pamphlet, giving full directions how to grow cabbage successfully in the

# Standard and Well-Known Varieties.

**Varieties on this Page are so generally known that extended illustrations and descriptions are unnecessary**

**SOLID SOUTH**—A splendid early cabbage, resembling Early Summer, but is slightly earlier, more uniform, has fewer outside leaves and is less liable to split and run to seed. Well adapted both for shipping and for home use. "Premier Brand" seed. Packet, 5 cents; ounce, 20 cents; ¼ pound, 60 cents; pound, \$2.00.

**EARLY DEEP HEAD**—The heads of this cabbage grow to a large size, and, as its name signifies, are deeper through than ordinary stocks of second early cabbage. It heads up firm, and we find it a valuable variety. "Premier Brand" seed. Packet, 5 cents; ounce, 20 cents; ¼ pound, 60 cents; pound, \$2.00.

**ALL SEASONS**—As improved by us during the past few years, is a most valuable cabbage for a succession crop for market gardeners in the South. Heads are large and solid, flattened on top. It is a good reliable header and resists heat and drought well. "Premier Brand" seed. Packet, 5 cents; ounce, 20 cents; ¼ pound, 60 cents; pound, \$2.00.

**EARLY SUMMER**—One of the best early flat cabbages coming in 10 days to 2 weeks later than Jersey Wakefield. Very uniform in size and shape, round, flattened and solid. Has small outer leaves and stands close planting. "Premier Brand" seed. Packet, 5 cents; ½ ounce, 10 cents; ounce, 20 cents; ¼ pound, 60 cents; pound, \$2.00.

**PREMIUM LATE FLAT DUTCH**—A fine strain of large, late, Flat Dutch Cabbage, suitable for either spring or summer sowings. A very desirable variety where large size rather than earliness is wanted. "Premier Brand" seed. Packet, 5 cents; ounce, 20 cents; ¼ pound, 60 cents; pound, \$1.75.

**EXTRA EARLY EXPRESS**—A small extra early variety, suitable only for home gardens. Very popular in some localities. "Premier Brand" seed. Packet, 5 cents; ½ ounce, 10 cents; ounce, 15 cents; ¼ pound, 60 cents; pound, \$1.50.

**BUNCOMBE OR NORTH CAROLINA WINTER**—A firm, solid header. A splendid keeper and favorite winter and spring cabbage in North Carolina. Packet, 5 cents; ½ ounce, 15 cents; ounce, 25 cents; ¼ pound, 65 cents; pound, \$2.25.

**PERFECTION DRUMHEAD SAVOY**—The tenderest and richest variety of all. It does not head so well in hot weather, hence should be planted in July and August for heading in fall and early winter. Almost as hardy as kale. "Premier Brand" seed. Packet, 5 cents; ½ ounce, 15 cents; ounce, 25 cents; ¼ pound, 65 cents; pound, \$2.00.

**EARLY WINNINGSTADT**—Desirable because of its earliness and extremely solid heads. Small, sharply pointed, extra early and a sure header even on poor soil. "Premier Brand" seed. Packet, 5 cents; ½ ounce, 10 cents; ounce, 15 cents; ¼ pound, 40 cents; pound, \$1.50.

**EARLY ETAMPES**—A French variety of merit on account of its earliness. Sharp pointed heads, maturing very early. For home gardens only. "Premier Brand" seed. Packet, 5 cents; ½ ounce, 10 cents; ounce, 15 cents; ¼ pound, 50 cents; pound, \$1.50.



Early Summer.

**CHARLESTON WAKEFIELD**—A large type of the Jersey Wakefield, larger but two weeks later. A good variety for those wanting increased size of head. "Premier Brand" seed. Packet, 5 cents; ½ ounce, 15 cents; ounce, 25 cents; ¼ pound, 85 cents; pound, \$3.00.

**EARLY DWARF FLAT DUTCH**—An old time favorite and standard for early plantings in the South, especially in family gardens. Medium sized, round and flattened. Heads usually weigh from 4 to 5 pounds. "Premier Brand" seed. Packet, 5 cents; ounce, 20 cents; ¼ pound, 50 cents; pound, \$1.75.

**IMPROVED LARGE LATE DRUMHEAD**—An old standard late-maturing variety, large, solid, always reliable as a header and of excellent quality. "Premier Brand" seed. Packet, 5 cents; ½ ounce, 15 cents; ounce, 25 cents; ¼ pound, 60 cents; pound, \$2.00.

**LARGE EARLY YORK**—Well known, loose-headed early sort. Good for early growing in home gardens. Tender and of fine quality. "Premier Brand" seed. Packet, 5 cents; ½ ounce, 10 cents; ounce, 15 cents; ¼ pound, 50 cents; pound, \$1.50.

**GREEN GLAZED**—A rather loose-headed variety, well adapted to all parts of the South for summer growth, for the reason that it seems less subject to attacks of insects than any other kind. "Premier Brand" seed. Packet, 5 cents; ½ ounce, 15 cents; ounce, 25 cents; ¼ pound, 75 cents; pound, \$2.50.

**BLOOD RED ERFURT**—The best variety of red cabbage for the South. Medium size, early and very solid. Fine for pickling. "Premier Brand" seed. Packet, 5 cents; ½ ounce, 15 cents; ounce, 25 cents; ¼ pound, 60 cents; pound, \$2.00.

## ✧ American Grown Seed Only. ✧

The cabbage seed sold by most seedsmen in the United States is European grown. This imported seed can be sold at from \$1.00 to \$1.25 per pound and makes fairly good crops when planted in the Northern States, but nine years out of ten imported cabbage seed will make either a partial or total failure when planted in the South. Why this is so we have not space in this catalogue to give a full explanation.

Fourteen years' tests and observations in the South have fully established the fact that imported cabbage seed is unsafe to plant in this section. It never heads satisfactorily.

Every pound of Cabbage Seed sold by us is **AMERICAN GROWN** and is especially adapted to our Southern soils, climate and conditions of growth.

That's why our sales of cabbage seed are more than doubling every year.

# BUG=DEATH KILLS THE BUGS



destructive and injurious to plants, either vegetable or flower. We have used and sold Bug-Death for three years. Never in our experience have we found an insecticide that gives such general satisfaction. There is hardly a bug or worm that it won't either kill or drive away. After three years test we recommend it without reserve.

## It Never Burns the Plants.

like Paris Green, Laurel Green or London Purple, but, in addition to protecting the plants from the bugs and insects, it furnishes a valuable plant food.

# Bug Insurance.

Every farmer and gardener ought to have Bug Insurance. You take out Life, Fire and Accident Insurance. These are important and valuable forms of Insurance, but they are no protection to the farm and garden crops that furnish you your living and your income. Is it not as important to insure your crops as well as your house, or barn, or life? Bug-Death furnishes you protection against the destruction of your crops by insects. To the farmer and gardener it is the most valuable insurance he can have.

## Everyone Can Have Bug Insurance.

A small amount invested in Bug-Death will keep your crops clean and free from insects and bugs. There is hardly a bug or insect that you cannot protect yourself from by the use of Bug-Death.

## Easily Applied and Non-Poisonous

to all forms of animal life except insects. It's perfectly safe to use. No danger to your stock or members of your family. It's unnecessary to use dangerous and poisonous substances when you can accomplish better results with an insecticide that is absolutely harmless to all forms of animal life except bugs and insects.

## Saves Millions of Dollars Every Year.

The use of Bug-Death on the vegetable crops of the South would save millions of dollars every year. Its use means safety to your beans, cabbage, potatoes, tomatoes, turnips, cucumbers, squash and muskmelons. If you grow any crop that is subject to attacks of insects, you cannot afford to be without a supply of Bug Death on your place. You can insure your crops. You will raise bigger and finer crops and make more money from them than you will without the use of Bug-Death.

## Don't Wait Until the Bugs

have eaten up half your crop. Use Bug-Death as soon as the bugs appear. Use it freely, dusting it on when the plants are wet with rain or dew. If you prefer to spray your plants, it can be mixed with water (1 pound to 5 gallons) and sprayed on in liquid form.

## WE ARE SOUTHERN WHOLESALE AGENTS

for Bug-Death. Your merchant should keep it on sale regularly, and we will supply him if he desires at wholesale prices. Bug-Death in three and five-pound packages cannot be sent by mail. When ordering seed by freight or express, include a package of Bug-Death, as it can be packed and shipped with the seed.

Single pounds, postpaid, 25 cents. When shipped with seed by freight or express, 15c per pound; 3-pound package not prepaid, 35c; 5-pound package, not prepaid, 50c; 12½-pound box, not prepaid, \$1; 100-pound keg, \$7.

To any express office reached by the **Southern Express Co.**, we will ship a 3-pound box, charges prepaid, for 60 cents; a 5-pound box, charges prepaid, 85 cents; a 12½-pound box, charges prepaid, \$1.45.

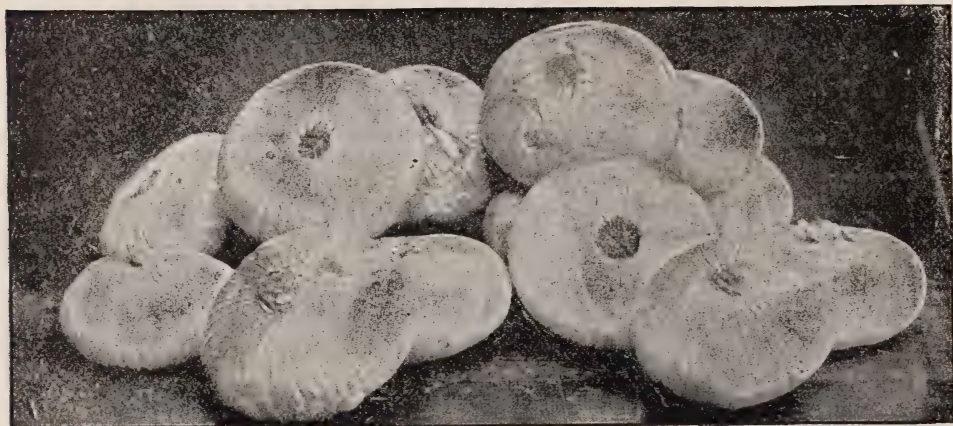
To any express office on the line of the Wells-Fargo, American, or Pacific Express Companies, we will send Bug-Death, all charges prepaid, as follows: 3-pound box, charges prepaid, 60 cents; 5-pound box, charges prepaid, 90 cents; 12½-pound box, charges prepaid, \$2.

In our opinion it is the cheapest and most effectual insecticide on the market to-day.

Insure your crops and thus insure your income.

**H. G. HASTINGS & CO.**

# Hastings' Genuine Bermuda Onions.



**BERMUDA ONIONS GROWN IN FLORIDA.**

**Seed planted October 1st; Matured Onions harvested April 15th.**

We are the largest importers of genuine Teneriffe grown Bermuda Onion Seed in the United States. We especially solicit correspondence with large growers of onions, Agricultural Societies, and Market Gardeners' Associations on the subject of Bermuda Onion Culture, and will quote special prices on large quantities.

The Bermuda Onion continues to increase in importance as a Southern vegetable crop, for shipment North, for the nearby markets and for home use. Its importance as a money crop cannot be overestimated. Let a consumer once get a taste of the pure, genuine Bermuda Onion and he will buy no other so long as there is a Bermuda in the market. The Bermuda Onion grower has a sure and steady market for his product. While it is not a fancy price crop, there is always a steady market for onions, North, South, East and West. If the crop cannot be sold at harvest time, it can be held for an indefinite time and marketed when the price suits. It is seldom, however, that the net return to the grower is ever less than 2 cents per pound and it runs to 3 and 3½ cents. It is one of the **safest** crops you can plant. The southern half of Texas, Louisiana, Mississippi, Alabama, Georgia and the entire state of Florida is thoroughly adapted to the successful culture of the Bermuda Onion, and no gardener or farmer in that section should fail to grow them this fall.

❖ **Poor Onion Seed is Dear at Any Price.** ❖  
**VERY IMPORTANT TO ONION CROWERS.**

No crop, with the possible exception of cabbage, depends more on the genuineness and quality of the seed for a successful crop than does the Bermuda Onion. Not one pound in ten of the seed sold in the United States as Bermuda is the genuine article. Almost every pound of it is the spurious California grown Bermuda, an entirely distinct variety and one that is worthless for planting in this section, as no onion equals this California grown for splitting and rotting, even before it is full grown. This fraudulent seed is retailed at prices ranging from \$1.25 to \$2.25 per pound. These prices should be a danger signal to every Bermuda Onion grower who wants to make a successful crop.

For the last eleven years we have sold more genuine, imported Bermuda Onion seed to the growers in the South than any other firm. We have been and are recognized as headquarters for the genuine seed in the United States and for years we have exported seed to all the West India Islands, Mexico and several of the Central American states. Our sales of it almost double every year. The demand for the seed is a constantly increasing one and our supply last year, even with our largely increased growing and importing arrangements, was far below the demand. We had to return money sent us for hundreds of pounds of the seed. Two months before this catalogue is issued we have orders booked for several hundred pounds for delivery next October. This is a large item with us and our business in Bermuda Onions has been based on the genuineness of the seed and the satisfaction it has given our customers. Prof. Rolfs, formerly with the South Carolina and Florida experiment stations, in his valuable book on "Vegetable Growing in the South," says relative to the Bermuda Onion: "There is probably no other crop where so much depends on obtaining a good strain of seed." Our years' of experience have shown us how useless it is to attempt to raise Bermuda Onions from the fraudulent and spurious "Bermuda Seed" offered each year by so many seedsmen.

# Growing Onions from Seed.



## The Difference Between Onions Grown from Good Seed

And those grown from the cheap grades is well brought out by the illustration above. It tells the whole story better than words can. The good onions were grown from good seed on which was bestowed every care which the best seed growers can and do. The others were grown from seed from those whose inducement to buy is the lowest price. Is the lowest priced the cheapest, even if the grower paid ten times as much for the good seed as he did for the other? The picture tells the whole story. The difference between the two is the difference between a first-class, profitable crop and a failure.

There is one all important requisite to a successful crop of onions in the South and that is the right variety of onion and seed of the best quality of that variety. Without these, fertile soil, heavy fertilizing and the best of cultivation avail little or nothing. That is why we have tried to impress on our customers everywhere the necessity for getting the very best strains of seed of the Bermuda Onion for fall planting and how to avoid getting caught with the spurious California grown seed. You can buy onion seed cheaper than ours. We can buy "cheap" onion seed by the ton and sell it to you at \$1.00 per pound and make a larger percentage of profit than on genuine Bermuda at \$3.00. If we sold you this cheap seed once you would be sure of a crop failure and your dealings with us would end. Our customers appreciate our efforts to give them the best. Our sales of high grade onion seed have increased enormously in the last three years. Although we are the largest importers of Bermuda Onion seed in this country we were unable to fill orders for hundreds of pounds of seed last fall, and were left without a pound of seed to sow for sets. It took us a good many years to convince buyers that our high-grade onion seed was the cheapest. Most of them, after trials of various quality, have come to us in recent years for their seed. They are through experimenting. You may have had failures and raised such "scallions" as are shown in our illustration. You may be discouraged and think that you can't grow onions from seed in the South. That's a mistake. No section of the country produces better onions from seed than the South when you have the right kind of seed. If you are one of these discouraged ones, try again this year with the right varieties and right seed. With seed and variety right you will have no difficulty in successfully growing onions from seed.

## Culture

Bermuda Onion seed of the new crop arrives in Atlanta some time between September 15th and October 1st. Booked orders are filled immediately on arrival and our customers are usually able to plant by October 1st, which is as early as the air and soil are cool enough for successful germination of the seed. For best results all onion seed (fall planting) should be planted between October 1st and December 1st.

Soil for Onion crop cannot be worked down too fine. For onions, especially where the soil has a tendency to be stiff, should be plowed and re-plowed and then harrowed down until it is finely pulverized. All trash, weeds, roots, stones, etc., should be removed even if hand raking is necessary to accomplish the result. It pays to have your ground in that fine, mellow condition and it will pay to keep it in just that condition while the crop is growing by giving frequent and shallow cultivation with either hand or wheel hoes. Keep down weeds and grass at all times.

Onions require either a naturally rich soil or heavy fertilizing to make good size. If your soil is not fertile make it so with well rotted manure or commercial fertilizers. In many onion growing sections manure in sufficient quantity is unobtainable. If this be your case, commercial fertilizers are necessary. If your soil is sandy, or sandy loam, use fertilizer containing 6% Available Phosphoric Acid, 8 to 9% Potash, 5 to 6% Nitrogen. If your soil is stiff, heavy or a red clay, use one containing 8% Available Phosphoric Acid, 5% Potash, and 5% Nitrogen. If you want to make a full crop you should use from 1,000 to 2,000 pounds of high-grade fertilizer per acre. A word of caution however about commercial fertilizers. They should always be put in the ground two to three weeks before the seed is sown. As soon as these fertilizers go in the ground and come in contact with moisture a chemical change begins. While that change is taking place heat is generated which usually continues for some two weeks. If seed comes in contact with the fertilizer while this chemical change is taking place the vitality is "burned out" of the seed and it will not germinate. This is especially true here in the South where cottonseed meal is so largely used as a source of nitrogen in the fertilizers. Thousands of pounds of seed are "burned up" in this way every year and the planter very often cannot understand why he fails to a greater or less extent in getting a stand.

Some planters sow seed thinly in beds, transplanting to open ground when plants are about the size of a small goose quill. This method has several advantages. It saves two open ground weedings; it takes not over 3 pounds of seed per acre; in transplanting the plants can be culled and the same size plants can be set out together insuring even size of the onions and even maturity of the crop.

The most general method is to sow seed thinly in the open ground where plants are to stand using 4 to 5 pounds of seed per acre. This is sown in rows 16 inches apart. In sandy or light loam soil seed should be covered 1 inch and firmed or rolled lightly. If in stiff clay soils cover not more than  $\frac{1}{2}$  inch and do not roll or firm the soil unless it is very finely worked and quite dry. The best time to sow is just before a rain. As soon as plants are well up thin out to six inches apart in the row. The young plants pulled up can be used to fill in missing places or to cover more ground. Fall planted onions can be grown with much less labor than those planted in spring, as the grass and weeds make less growth during the winter and early spring. In Florida and the Gulf coast section from Georgia to Texas, the Bermuda and Creole can be grown through the winter without protection. In the central part of those States we advise partial protection by the use of a heavy mulch of grass, leaves or coarse manure from Dec. 15th to March 15th. The tops will often freeze down to the mulch but will come out again without material injury.

## HASTINGS' WHITE BERMUDA ONION.

This is the standard variety for market crops for shipping. While it is known as "White Bermuda," the name is misleading, as it is really a light straw color, or pale yellow. We make this explanation, as many who grow it for the first time expect to find a pure white onion. Our illustration on page 10 is taken from a photograph of the White Bermudas grown in Florida, less than six months elapsing from time of sowing the seed to the full maturity and shipment of the crop. The weight of this group, after being fully cured, was 8 pounds and 5 ounces. If you are a market gardener, and growing for shipment to Northern markets, this is the variety you want. Large packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 85 cents; pound, \$3.00, postpaid; 10 pounds, \$27.50. Special prices on large quantities.

# \$8,000 in Two Years

and we now have his order booked for next fall.

One of the most successful onion growers of Texas marketed last spring (1901) 134,810 pounds of Bermuda Onions, this past spring 258,100 pounds, bringing in actual cash to the amount of over \$8,000 in two years. He has bought onion seed of us for the past eight years,

## HASTINGS' BERMUDA RED ONION.

Our genuine Bermuda Red is a favorite for home use and home markets in many parts of the South. It is identical in size, shape and mildness with our White Bermuda. The color is a pale, waxy red, and is THE variety in all sections where a red onion is preferred. In Florida this variety is grown more extensively than the white for home use and near-by markets. Large packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 85 cents; pound, \$2.75; 10 pounds, \$25.

## Time for Delivery of Bermuda Onion Seed

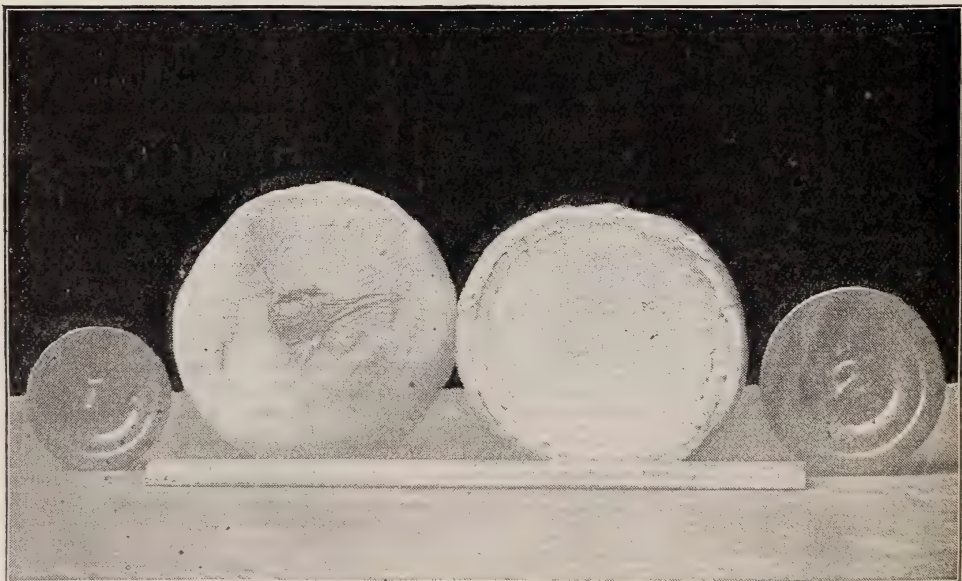
Will be some time between September 15th and October 1st. Exact date can not be given, as there is variation in time of delivery in different years. All orders are booked in regular order as they come in, and are filled as soon as the new crop seed arrives. Our bookings are heavier at this date than last year, with prospects of a short seed crop. Our advice is to place your order at once, so that you will not be disappointed in your supply.

## HASTINGS' CRYSTAL WAX ONION.

We regret that the crop of this variety introduced by us in 1897 is so small that we are obliged to withdraw this variety from the market until we can get a supply of seed sufficient to justify us in again offering it. We regret the disappointment of many of our customers in their inability to get seed of this variety, but seed supply is so limited this year that we cannot offer it in this catalogue.

## LOUISIANA CREOLE ONION.

A flat, light red variety, grown extensively in Louisiana, Mississippi and other parts of the South. Very firm and solid, a splendid keeper. Good heavy cropper, but strong flavored. We do not recommend it to those who want a mild onion. From six weeks to two months later in maturity than the Bermuda. Delivery of new crop seed (Louisiana grown) about September 1st. Packet, 10 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 65 cents; pound, \$2.25. Special prices on large quantities.



TWO BERMUDA ONIONS  
Grown at Abbeville, Ga. Total Weight, 3 Pounds.

## ❀ Special Bermuda Onion Culture ❀

Last year we published a special pamphlet on Bermuda Onion culture. This pamphlet was furnished to all who purchased onion seed of us last fall. We have 1,000 copies of it left, and shall be glad to mail a copy to anyone interested in this profitable crop. It gives the methods of the largest and most successful growers in Texas and Florida.

## Don't Be Fooled Again in Buying Onion Sets This Year.

We wish to again warn our customers about buying onion sets. In the past few years there has been intense competition in onion sets. This competition led to the invention of the infamous and dishonest "32-lb. bushel" as a measure for onion sets. It's a fraud, and the man who buys a bushel of onion sets and gets 32 pounds is cheated out of nearly one-fourth of what he buys. This practice of selling onion sets on a 32-pound basis is almost universally practiced throughout the South now. When a man or a firm cuts down their measures nearly one-fourth they can easily cut prices, but the buyer is the man who gets beat. We wish it distinctly understood that we sell none but

### Honest Measured Bushels of Onion Sets.

We make our prices on that kind of a bushel, and when you buy a bushel of sets of us you get a bushel. Our prices may be a little higher than the prices quoted you by dealers in these fraudulent bushels, but when you buy onion sets from Hastings you know what you are getting in quality and quantity. With one exception we are the only prominent seed firm that is selling onion sets by honest measure. We keep onion sets in stock usually from September 1st to April 15th of each year.

### [ NO BERMUDA SETS.

The increased demand for seed last fall, combined with short supply, left us without any Bermuda Onion Seed to plant for sets for this season, so that we can offer no Bermuda sets this fall.

### LOUISIANA CREOLE SETS.

We have a limited quantity of Creole sets grown from very carefully selected Louisiana-grown seed. While the Creole is not a mild onion, it is the only variety that can be considered as a substitute for the Bermuda in sections where sets of the Bermuda are usually planted in the fall. These sets will be ready for delivery about September 1st. Pint, 20 cents; quart, 35c, postpaid; peck, \$1; bushel, \$3.25, not prepaid.

### WHITE MULTIPLIER ONION SETS.

**Green Onions for First Early Bunching**—They are of pure silvery white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted; excellent quality and size for bunching green, or can be ripened for use as pickling onions, and for this latter purpose can be grown much more economically than from seed. Their keeping qualities are remarkable, but their most important quality is extreme earliness, being ready for market from three to four weeks ahead of other onion sets. Our grower says: "They cannot be beaten for earliness; they are matured before the weeds and grasses can cover them." The largest of the sets allowed to grow through summer make an onion of fair size, which divides when ripening in the fall, multiplying liberally for another season. Pint, 15 cents; quart, 30 cents; peck, \$1; bushel, \$3.

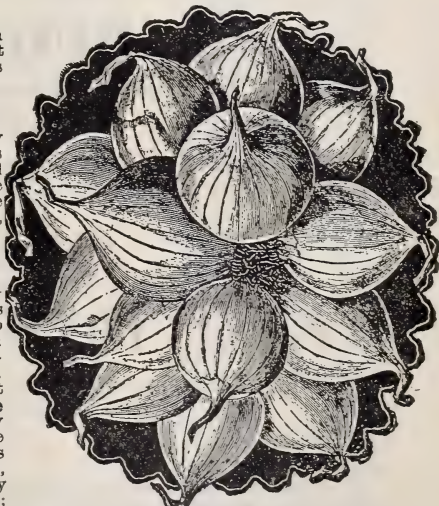
### Extra Early Red Sets.

The common red onion set as usually sold by dealers. Pint, 15 cents; quart, 25 cents, postpaid; peck, 75 cents; bushel, \$2.50.



### Yellow Danvers Sets.

Our stock of yellow is superior to most of the yellow sets sold, forming much better bulbs. Pint, 15 cents; quart, 25 cents, postpaid; peck, 75 cents; bushel, \$2.50.



White Multiplier Onion Sets

### Silver Skin Sets.

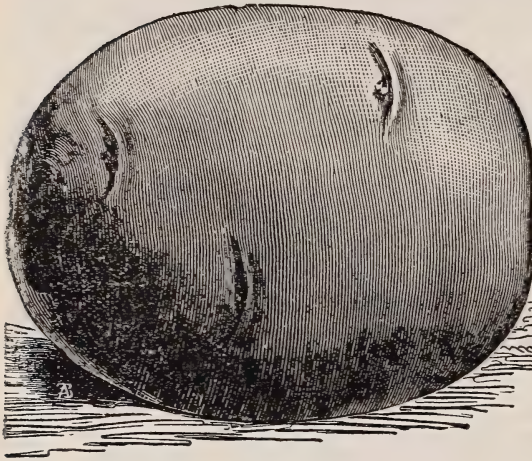
The sets grown from the seed of the White Portugal or Silver Skin Onion. Onions are larger and milder than the red. Pint, 15 cents; quart, 30 cents, postpaid; peck, 85 cents; bushel, \$2.75.

### Shallots.

A small multiplying onion of mild flavor. The bunches are divided and planted in rows during August September and October, for winter and spring use. Pound, postpaid, 30 cents; two pounds, 50 cents; peck 50 cents; bushel, \$1.75, not prepaid.

# Bliss' Red Triumph Potatoes.

FOR AUGUST AND SEPTEMBER PLANTING.



Bliss' Red Triumph Potatoes.

When seed is obtainable there is no more profitable crop than late summer and early fall planted potatoes in the lower South and Florida. We have had grown for us 300 barrels of extra fine stock of Red Triumph Potatoes, the best variety for late fall plantings. We advise early orders as the stock we have will not last long. We can ship immediately on receipt of your order. If you do not wish to plant at once this stock will keep nicely spread thinly in shade where there is a free circulation of air. The fall crop yields much heavier than the spring plantings and keeps better. No use to buy Northern grown potatoes all winter when you can just as well have better potatoes of your own growth and at much less cost. Peck, 50 cents; Bushel, \$1.75; barrel (11 pecks), \$4.25; in 5-barrel lots or over, \$4.00 per barrel. Order early and make sure of your supply. We have never been able to supply the demand and the demand is an ever increasing one.

## BUG-DEATH

Kills Bugs and Insects Injurious to Plant Life.

SEE PAGE 9.

## "No Seedsmen LIKE HASTINGS & CO."

For two years we have been receiving letters something like the following one from a former customer, who, after we moved from Florida, wandered after strange gods, trying to get seeds of the right kind, without success:

Gentlemen:—

Since you left Florida we have almost failed in our garden crops, but this year we send our order to you again and I do n't think I shall ever experiment with any other seedsmen again, for as long as we got seed of you, our garden crops always did well. My wife says "No seedsmen like Hastings & Co."

Volusia County, Florida.

J. C. POPWELL.

The truth is tersely told in that brief letter. There are no seedsmen like ourselves. There are no seedsmen making a specialty of Southern business as we are. There are none that have crops of seeds grown with a view to their being thoroughly adapted to the South. There are no seedsmen who understand the needs of the South in the way of seeds as we do. There are no seedsmen who can give you the grade of seeds that we do, because our special grades are not on the market and cannot be bought except of us. We have several imitators who pretend that they are specialists in seeds for the South, but the first trial of the seeds they sell show how false their claims are. There are no seeds for the South like ours, and no seeds that do so well when planted in Southern soil, from Florida to Texas, from Tennessee to the Gulf. There are "No Seedsmen Like Hastings & Co."

# Beans for Late Plantings.

Bush Beans can be planted in this latitude as late as September 1st and later the further South you live. Almost all varieties in this list planted at this time of year will mature in six or seven weeks from planting. You can easily keep up a supply of beans on your table until frost. It is one of the easiest crops grown, a staple for table use and always good in nearby markets and a profitable shipping crop at the right season. Beans are one of the best garden vegetables. Keep a supply growing all through the season.

## Culture

In this latitude (Atlanta) bush beans can be planted all through the summer and up to September 1st. In Florida, Texas and along the Gulf Coast, plantings for fall use should begin about August 1st and continue until October, for the fall and early winter crops. Soil should be warm and moist for successful germination. Sow in drills 18 inches to two feet apart, dropping a bean every 3 or 4 inches; cover two inches. When ready to bloom draw the earth up around the stem.

### STRINGLESS GREEN POD.

Beyond question the best green podded bush bean being offered by any house. We have given it exhaustive tests and have sold it to thousands of our customers. They are enthusiastic over it. Every trial of it in comparison with other varieties show its superiority. It's an absolutely stringless, green, round podded bush bean just the size and shape shown in our illustration. Immensely prolific, a strong and vigorous grower coming into bearing a week earlier than the best strains of the Valentine and continuing to produce long after other varieties are done, the pods retaining their superb eating and stringless qualities to the last. We recommend it fully to all our customers wanting the best to be had in green podded bush beans.

There are several strains of the stringless on the market, most of them inferior to the original strain. Our stock is a very carefully selected one, giving you the strongest growing plants, the heaviest yields and the finest pods of any. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 40 cents; postpaid. Peck, \$1.25; bushel, \$4.50.

### HASTINGS' EXCELSIOR REFUGEE.

One of the best round, green podded beans for either market or home use. Very similar to the Improved Round Pod Refugee or 1,000 to 1, except that it is two weeks earlier in maturing. This variety is a strong, vigorous grower and prolific bearer. Excellent quality. Pods well rounded out and stand shipment much better than the Valentine. While largely used as a shipping bean it is an excellent bean for nearby market and home use. Its productiveness, hardness and vigor in withstanding both drought and excessive rain make it a favorite with our customers in Florida and along the Gulf Coast. We consider it a much superior bean to the Valentine, making good crops in either wet or dry seasons. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 40 cents, postpaid. Peck, not prepaid, \$1.00; bushel, \$3.75.

### EXTRA EARLY RED VALENTINE.

Our True Round Podded Stock.

For the past two years immense quantities of run-out types of the Valentine have been unloaded on planters in the South, and there are plenty of them still being offered. Some of the stock put out by what are considered the most reliable houses in the North turned out over 80% flat pods, uneatable and unsalable. Every quart of them planted means direct and certain loss. The difference in the appearance of the true and this spurious stock is so slight that it can only be detected by expert seedsmen.

We have no Valentine beans that are not true stock—thoroughly developed and round podded. The pods are of fine quality, thick and meaty. Very uniform in ripening and considered one of the most profitable for gardeners all through the South. For purity and high germinating qualities our Valentine stock is excelled by none and equalled by few. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 40 cents, postpaid. Peck, \$1.00; bushel, \$3.75.

### IMPROVED ROUND POD REFUGEE.

Often sold under name of Brown Valentine in some sections. While not as early by 10 days to two weeks as Excelsior Refugee and Valentine, its heavy cropping qualities and resistance to drought make it a favorite for late summer and fall planting. Pods good size, meaty and tender, holding up well in shipping long distances. It continues in bearing several weeks longer than the early strains. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 40 cents, postpaid. Peck, 85 cents; bushel, \$3.25.

### HASTINGS' BIG PACKETS.

The planter of the home garden is interested in the size of the packets. Our big packets of beans and peas (10 cents) contain nearly  $\frac{1}{4}$  pound each; the same priced packets from all the principal seed houses contain only 2 ounces. Packets of other things in proportion. Buy from us and get twice as much for your money.



Stringless Green Pod Bush Bean  
Natural size of Pod.

# BEANS---Wax-Podded Varieties.



Valentine Wax Bean.

## Valentine Wax Bean.

An extra early Valentine Bean, with purely round wax pods. Grows 15 inches high, with a strong, sturdy stock and plenty of foliage. Has produced well-matured pods in 37 days from planting. Without exception the earliest wax bean grown. Pods meaty and almost stringless. Free from rust; holds a long time without becoming tough and is very productive, something unusual in an extra early variety. To those desiring a wax bean in their garden we can recommend this variety without reserve. It will give you entire satisfaction. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 45 cents; peck, \$1.50; bushel, \$5.50.

## Currie's Wax Bean.

A favorite in many parts of the South for Northern shipment. This variety is "Rust-Proof" to a remarkable extent. One of the earliest of wax varieties; vines extra strong, robust and upright, holding pods well off the ground. Pods long and of a beautiful golden yellow color. Quality fine. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 45 cents; peck, \$1.40; bushel, \$5.

## Wardwell's Kidney Wax Bean.

For twelve years we have sold this variety, thousands of bushels of it, in competition with the dozens of new varieties introduced during that time. It is now the most popular and valuable wax variety in the South either for shipment or home garden use. It is an extra early, often maturing in five weeks with favorable weather. It is a strong, vigorous grower, producing a heavy crop of long, showy pods of a beautiful color, and is free from "rust" under very trying conditions. Is tender and of fine flavor. In shipping it stands up better than others, and is found especially valuable to market gardeners on this account. We pay special attention to our strain of this variety, and you will find it thoroughly satisfactory. If you have grown it before, you know our statements to be true by your experience. If you have never grown it, do so this year. You will be pleased. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 45 cents, postpaid; peck, \$1.60; bushel, \$6.

### GERMAN BLACK WAX.

An old favorite in home gardens in many parts of the South. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 40 cents.

### POLE AND LIMA BEANS.

If planted by August 15th these will mature almost anywhere in the central South. In Florida and along the Gulf Coast they may be planted a month to six weeks later. They mature rapidly and surely planted late in the season.

### OLD HOMESTEAD

Or Kentucky Wonder. The finest flavored, most prolific, the tenderest pole bean grown. Absolutely stringless and a surecropper. Planted now it begins bearing in 45 to 50 days and continues till frost. Packet, 10 cents;  $\frac{1}{2}$  pint, 20 cents; pint, 30 cents; quart, 50 cents, postpaid; peck, \$2; bushel, \$7.

### EARLY GOLDEN CLUSTER.

This pole bean is almost identical with the Old Homestead, except that the pods are a rich golden yellow. Packet, 10 cents;  $\frac{1}{2}$  pint, 20c; pint, 30c; quart, 50c.

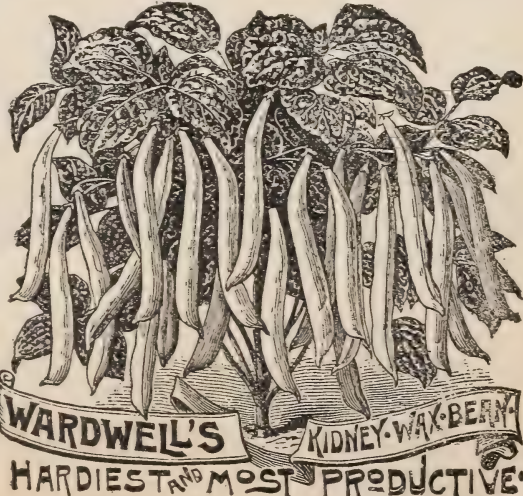
### LARGE WHITE LIMA AND SMALL LIMA OR SEWEE.

Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 45 cents, postpaid.

**Burpee Bush Lima.**—The true bush form of the Large White Lima. Does much better in bearing with late plantings than in the spring. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 45 cents; peck, \$2.

**Thorburn Bush Lima.**—The best quality of all. The shell beans are thick, sweet and succulent. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 45 cents; peck, \$2.

**Henderson's Bush Lima.**—Most popular of all. Beans small but a sure bearer. Continues bearing till frost. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 45 cents; peck, \$1.75.



# Hastings' French Grown Beet Seed.

Extremely careful tests have shown us that the best beet seed in the world for planting in the South comes from a certain grower in France. This seed, which is specially grown for us in France and imported by us direct, germinates better, produces smoother and tenderer roots than beet seed from any other grower. It's as near perfection as we have ever seen. Our well-known policy of getting everything of the very best leads us to place all our growing contracts for beet seed with this French grower. While it costs us a little more than we can buy seed from elsewhere, yet the rapid increase in our sales fully repays us for this extra cost. If you want to grow the best in beets, plant our French grown seed.

**CULTURE** Sow in rich or well-manured ground after same has been deeply plowed or spaded, early spring up to August 15th, and later further South. In Florida, sow from September to December. The seed is rough and soil should be firmed or rolled after planting. When 2 or 3 inches high thin out to 5 or 6 inches apart in the row. The young plants are superior to turnips and spinach for greens. In light, sandy soil, cover seed 2 inches; in stiff or clay soils not over 1 inch.

## HASTINGS' BLOOD TURNIP BEET.

Our most popular variety. Tens of thousands plant it every year and are perfectly satisfied. It is an improvement by our grower over the Early Blood Turnip Beet. Color a deep blood red. Fine form, very uniform in growth, medium early and productive. Tender, free from stringiness and very sweet. Good for either home or market use and a valuable variety for succession sowings. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents, postpaid. 10 pounds, not prepaid, \$4.00.

## HASTINGS' CRIMSON KING.

Another favorite. One of the earliest and sweetest beets for the South. Thousands of our customers plant it every year and the demand for it is a constantly increasing one. In favorable seasons Crimson King is often ready for table use in six weeks from sowing. Our illustration shows its shape and uniformity perfectly. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents; 10 pounds, not prepaid, \$4.50.

## LENTZ' EXTRA EARLY.

A splendid variety. Nearly as early as the Egyptian but larger and of extra fine quality. Color a dark blood red, tender and sweet at all stages of growth. Has small top and with favorable seasons can be used in six weeks from sowing. Very productive, a splendid keeper and shipper. Seed crop very short and demand is enormous. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 55 cents, postpaid. 10 pounds, not prepaid, \$4.00.

## EXTRA EARLY EGYPTIAN.

An extra early market gardener's beet. A quick grower, producing smooth, rather flattened turnip shaped roots. When young the flesh is tender, but soon becomes stringy when old. Packet, 3 cents; ounce, 8 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents, postpaid. 10 pounds, not prepaid, \$3.00.



Hastings' Improved Early Blood Turnip Beet.

## ECLIPSE BLOOD TURNIP BEET.

The most popular market gardener's beet for the South as well as a favorite for home gardens. Our illustration shows its fine form, smoothness and freedom from stringy roots. Small top and a rapid grower. Color a deep blood red which it retains fully after being cooked. Quality extra fine, sweet and tender. A heavy cropper and its handsome appearance makes it an easy seller when placed on the market. Packet, 3 cents; ounce, 8 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 50 cents, postpaid. 10 pounds, not prepaid, \$3.50.



Eclipse Beet.

## BASTIAN'S EXTRA EARLY EXTRA EARLY BASSANO LONG SMOOTH BLOOD

Each, Packet, 3 cents; ounce, 8 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 45 cents; 10 pounds, not prepaid, \$3.00.

## HALF LONG BLOOD YELLOW TURNIP BEET CHARD OR SEA KALE

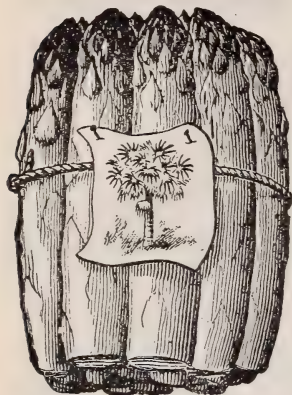
Each, Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 55 cents.

## JUMBO MANGEL

For stock only. Ounce, 5 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 40 cents, postpaid. 10 pounds, not prepaid, \$2.50.



Hastings' Crimson King Beet.



### Brussels Sprouts.

Brussels Sprouts are highly esteemed. The "sprouts" resemble miniature cabbages growing closely on the stalk of the plant, a small head, or sprout, being formed at each leaf-joint. Seed should be sown thinly in drills July to November, and when the plants are six inches in height they should be transplanted to rich soil, setting them in rows three to four feet apart in the row. Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.50.

### Palmetto Asparagus Seed.

The best all-around variety for the South. While it is an old variety of South Carolina origin, it is earlier, a better yielder, more regular and even in its growth in the South than the later introductions. Asparagus is a rather neglected vegetable in the South, but is easily grown on any naturally rich or heavily manured soil. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 50 cents, postpaid.

### Palmetto Asparagus Roots.

You can save from  $1\frac{1}{2}$  to 2 years in getting your asparagus bed in good condition forcutting by the use of our splendid, strong, two-year-old roots. Plant them this fall, and your bed will be in condition for permanent and regular cuttings next fall. Roots ready for delivery about November 1st. 50 roots for a bed for ordinary family use, 85 cents; 100 roots, \$1.50, postpaid. By express or freight, not prepaid, 75 cents per 100; \$5 per 1,000.

### Horse Radish Roots.

Easily grown in all parts of the South, and makes especially heavy growth on rich, moist ground. Sets for planting, 20 cents per dozen; 75 cents per 100, postpaid; per 1,000, not postpaid, \$4. Ready November 1st.

### Rhubarb or Pie Plant.

Good, strong roots for planting; by mail or express, prepaid, 4 roots, 50 cents; per dozen, \$1.25; by express or freight, not prepaid, per 100, \$8.50. Roots ready about November 1st.

### Brocoli.

This vegetable is closely allied to the cauliflower, from which it is supposed to have come. Its culture is the same as for cauliflower, and in the Southern States is a much surer header. There are many deterred from growing cauliflower from the high price of the seed. To these we recommend a trial of Brocoli. There are two varieties that do well in the South, the only difference being in the color of the heads.

**White Cape**—Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 75 cents.

**Purple Cape**—Packet, 10 cents;  $\frac{1}{2}$  ounce, 20 cents; ounce, 30 cents;  $\frac{1}{4}$  pound, \$1.

## HASTINGS' CAULIFLOWER SEED

Is from the most reliable growers in Europe. No Cauliflower Seed of any value is grown in the United States. We are furnishing you the very highest grade of Cauliflower Seed grown, and we do not charge you from 50 cents to \$1 an ounce extra for Red, Yellow or Blue Seals on the packages.

**Culture**—Does best in a rich, well-tilled soil; will do in a well-manured soil. Sow in seed bed at same time as cabbage. Transplant when three to four inches high. Give plenty of water in dry weather. Keep wet and hoe thoroughly and often. Heads may be bleached extra white by tying the leaves over the tops closely. Should be more generally cultivated in the South than it now is. It is a spring crop in this latitude. In Florida and along the Gulf sow the seed in September, October and November.

### GILT EDGE.

Introduced by us to the Southern growers in 1893. This has been thoroughly tested by thousands of customers the past seven years. It is the largest, most perfect and surest header of any variety ever offered, and in quality it is unexcelled. One specimen sent to our store weighed seven pounds and eight ounces without the leaves. It is of the Snowball type, but is much larger, and will stand longer without decay than any other. Packet, 20 cents;  $\frac{1}{4}$  ounce, 75 cents;  $\frac{1}{2}$  ounce, \$1.25; ounce, \$2.25;  $\frac{1}{4}$  pound, \$8; pound, \$30.

**Extra Early Paris White**—Heads medium size. Fine for family garden. Packet, 10 cents;  $\frac{1}{2}$  ounce, 30 cents; ounce, 50 cents;  $\frac{1}{4}$  pound, \$2; pound, \$7.

**Le Normand's (Short Stem)**—Packet, 10 cents;  $\frac{1}{4}$  ounce, 15 cents;  $\frac{1}{2}$  ounce, 25 cents; ounce, 50 cents;  $\frac{1}{4}$  pound, \$2; pound, \$7.

**Early Snowball (Henderson's)**—A good early variety, second only in value to the Gilt Edge. Packet, 15 cents;  $\frac{1}{4}$  ounce, 50 cents;  $\frac{1}{2}$  ounce, 90 cents; ounce, \$1.75;  $\frac{1}{4}$  pound, \$6.75; pound, \$24.

**Extra Early Dwarf Erfurt (Selected Stock)**—Packet, 15 cents;  $\frac{1}{4}$  ounce, 50 cents;  $\frac{1}{2}$  ounce, 90 cents; ounce, \$1.75;  $\frac{1}{4}$  pound, \$6.75; pound, \$24.

**Large Late Algiers**—Best late variety. Packet, 10 cents;  $\frac{1}{4}$  ounce, 25 cents; ounce, 75 cents;  $\frac{1}{4}$  pound, \$2.50.

**Autumn Giant**—Packet, 10 cents;  $\frac{1}{4}$  ounce, 30 cents; ounce, 50 cents;  $\frac{1}{4}$  pound, \$1.50.



**GILT EDGE CAULIFLOWER.**  
The Finest Strain Grown.

# Celery Growing in the South.

Celery is now one of the important market crops in Florida, bringing in thousands of dollars of clear profit to the growers. \$1,500 per acre product is nothing unusual. At the same time it is a crop that few succeed with the first time. It is one of those crops that "knowing how" cuts a large figure in and the "know how" can only be gained by actual experience.

In this latitude seed should be sown in May and June. In Florida and all along the Gulf Coast seed should be sown in August and September for the general shipping crop. Seed bed may be in any moist place and seed should be barely covered, at the same time it must never be allowed to dry out. Even a slight drying out will often ruin the germination. Seed bed should be shaded and covered not over  $\frac{1}{4}$  inch. As soon as plants get 3 or 4 inches high they should be "sheared" (top leaves cut off) to make them more stocky. This shearing should be done two or three times before plants are set in open ground.

Celery requires a moist and fertile soil. If your soil is not rich, you must make it so by heavy applications of well-rotted stable manure or commercial fertilizers. Well drained muck land makes good celery. When plants are six inches high transplant to the trenches six inches apart, the trenches being from 3 to 3  $\frac{1}{2}$  feet apart. In the central South bank earth to blanch the celery, but not in Florida where boards or tile are used. Be sure and blanch well as celery not properly blanched is unsalable. What are known as the "green varieties" have the best flavor although they are more difficult to blanch. They have the rich, nutty flavor so desirable in celery.

**Varieties** We recommend Mexican Solid for heavy and muck soils in Florida and Coast country; Savannah Market for sandy, hammocky and light clay soils. Golden Self-Blanching is a market gardener's variety and planting it except for shipment is not advised. The growers in the home gardens can succeed better with the other varieties.

## MEXICAN SOLID CELERY.

Stalks rounded, crisp and solid. The most reliable variety; no other can compare with its ability to withstand either frosts or heat. When ready for market the plants are plump and do not wilt as soon as most sorts. Its flavor is fully equal to that grown in the famous Kalamazoo, Michigan, celery district, having the rich nutty flavor so desirable in celery. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

## GOLDEN SELF-BLANCHING.

A French variety of especial merit for the use of market gardeners who thoroughly understand how to grow celery. It requires the very highest of culture and unless treated in that way will prove a failure. It is not satisfactory under ordinary treatment. The growers for shipment in South Florida use this variety almost exclusively, although it is tenderer than other varieties and easily succumbs to extremes of heat and cold. We recommend it only to those who can give it extra care necessary to be successful. For the market gardener who can give it the right care it will be found most profitable. Its pale golden yellow color and handsome appearance leave nothing to be desired. **Best French grown seed direct from the originator.** Packet, 10 cents;  $\frac{1}{2}$  ounce, 20 cents; ounce, 30 cents;  $\frac{1}{4}$  pound, \$1.00; pound, \$3.50.

## Hastings' Selected Carrot Seed.

**OXHEART OR GUERNDÉ**—Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 30 cents; pound, \$1.00.

**CHANTENAY**—Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 90 cents.

**ST. VALÉRY**—Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 90 cents.



**Savannah Market Celery.**

## SAVANNAH MARKET.

Our finest variety for general planting in the South on the lighter classes of both sandy and clay soils. It is a strong, vigorous grower, and will make a satisfactory crop where other sorts fail altogether. It is large and solid and of first class flavor. Stalks when well blanched are a clear white and centers a light golden yellow. When quickly grown it is crisp and tender and makes a fine appearance in market. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cts.; pound, \$2.00.

## WHITE PLUME.

This variety seems to be well adapted to Georgia and Alabama. It is an extra early, a vigorous grower, and easily blanched with very little earthing up. It must, however, be used up early in the season, as it is a rather poor keeper after it is fully matured. This variety has been greatly improved in recent years and is much superior to what it was when first introduced. Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.75.

## GIANT PASCAL.

Strongest grower of all. Do not put it on extra rich soil as it will grow too large. A good variety for the beginner as it stands more improper treatment than others without injury. Packet, 5 cents;  $\frac{1}{2}$  ounce, 10 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.50.

**IMPROVED LONG ORANGE**  
**HALF LONG SCARLET**  
**DANVER'S INTERMEDIATE**

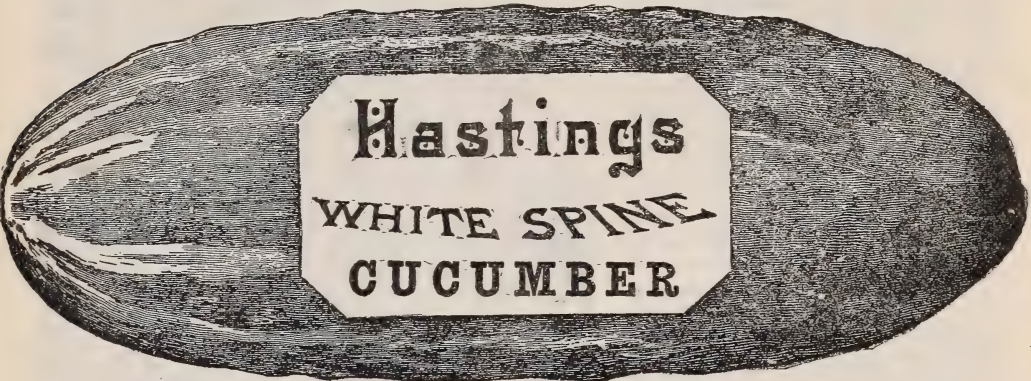
Standard varieties well-known to almost all gardeners. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 85 cents, postpaid.

**LARGE WHITE BELGIAN**—For stock feed only. Packet 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound 60 cents, postpaid.

## Hastings' Seeds Are Successful Seeds.

# Hastings' Selected Cucumber Seed.

Cucumbers are largely planted in August and September in the Gulf Coast country and Florida. The greatest drawback of late summer planting are the insects. These are easily controlled by dusting the young plants thoroughly with "Bug-Death" as soon as the insects appear. Keep the young plants cultivated well up to the time they begin to run. After that do no cultivating beyond pulling up large weeds. Fruit should be picked off as soon as large enough to use. Cucumbers are a profitable crop to ship to Northern markets during October, November and December as well as in the spring months.



## Hastings WHITE SPINE CUCUMBER

**THE HASTINGS' WHITE SPINE**—The finest early strain of White Spine grown. The Hastings' White Spine is by far the best of all White Spine strains as can easily be seen when grown side by side. The fruit is of large size and immensely productive. This produces no small or imperfect cucumbers. The skin is hard and of deep green color, which it holds until fully matured. Is crisp and tender, and retains its fresh, plump appearance long after being gathered. It is nearly one week earlier than any other White Spine variety. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents; 10 pounds, not prepaid, \$6.00; 100 pounds, \$50.00.

**F. J. MERRIAM, Battle Hill, Ga.**, the leading market gardener, says: "Your Hastings' White Spine Cucumber is a most excellent strain."

**IMPROVED LONG GREEN  
EMERALD GREEN WHITE SPINE  
EARLY FRAME  
EVERGREEN WHITE SPINE  
WESTERFIELD'S CHICAGO PICKLE**

Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents; postpaid.

### LIVINGSTON'S EMERALD.

Packet, 10 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 30 cents; pound, \$1.00.

### COLLARDS.

Collards sown in July and August make a splendid winter vegetable, being hardy enough to withstand any ordinary winter in the South, and being of much finer flavor after being touched by frost. The collard is a standby, the rich and poor, the blacks and whites all using it in large quantities.

### TRUE SOUTHERN OR GEORGIA.

This is the old-time favorite variety known to every gardener in the South. It stands all sorts of adverse conditions with little injury and can be considered a sure cropper. It is very hardy and will stand uninjured in any ordinary winter as far north as Atlanta. In many places where the soil is too poor to grow cabbage this old-time variety will furnish an abundance of leaves of good quality. On fairly good soil it makes quite a head when winter comes on. While generally grown for vegetable purposes, it will be found to advantage to grow some so as to give your cow an occasional feed during the winter months, as it keeps the digestive organs in good order and largely increases the flow of milk. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents.

### NORTH CAROLINA SHORT STEM

This splendid variety originated in North Carolina, and is immensely popular wherever grown. It has a very short stem, large spreading leaves, very hardy, withstanding drought in summer and cold in winter. Its flavor and cooking qualities are the very best, and it has unquestionably proved itself far superior to any other collard in cultivation. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 30 cents; pound, \$1.00.

### CRESS.

**Water**—Packet, 10 cts.; ounce, 40 cts.;  $\frac{1}{4}$  pound, \$1.25.

**Extra Curled Upland**—Grown same as Spinach, and is early. Tastes same as Water Cress. Extra Curled. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents.

### CORN SALAD OR FETTICUS.

**Large Green Cabbaging**—This is used for salad dressing during winter and spring. We find it does best sown in drills 9 inches apart. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents.

### CHERVIL.

An aromatic plant, fine for seasoning or to use with lettuce for a salad. Sow it broadcast in October or November for winter and spring use, and in February and March for summer use. Packet, 5 cents; ounce, 15 cents; pound, \$1.00.

### ENDIVE.

A hardy plant making excellent salad. Sow seed in Florida and Gulf States September to November. The Early Green Curled is the best variety for the South. Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 35 cents; pound, \$1.25.

### DANDELION.

Sow in Florida and lower South in October and November.

**Improved Large Leaved**—Packet, 10 cents; ounce, 50 cents.

### LEEKs.

Cultivate same as for onions.

**Large Caranten**—Best variety for the South. Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 35 cents.

### KOHL-RABI.

**Early White Vienna**—Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.75.

## Kale or Borecole.

Borecole is more hardy than cabbage and will stand through the entire winter in any ordinary season in the central and lower South. It is much improved in quality by being touched with frost. Of all the cabbage tribe this is the most finely flavored, and it would be more generally grown were its good qualities more widely known. The tall variety should be sown thinly in drills in August and September, the dwarf sorts one month later. It is a favorite vegetable to furnish "greens" in the South during winter and spring, and for that use there is nothing better.

**Early Green Curled**—Also variously known as "Dwarf German," "Dwarf Curled Scotch" and "Siberian." This is the variety usually sown in the fall for spring use. It is rather low growing, with fine curly leaves of deep green color. The young leaves are tender and delicate in flavor. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 70 cents.

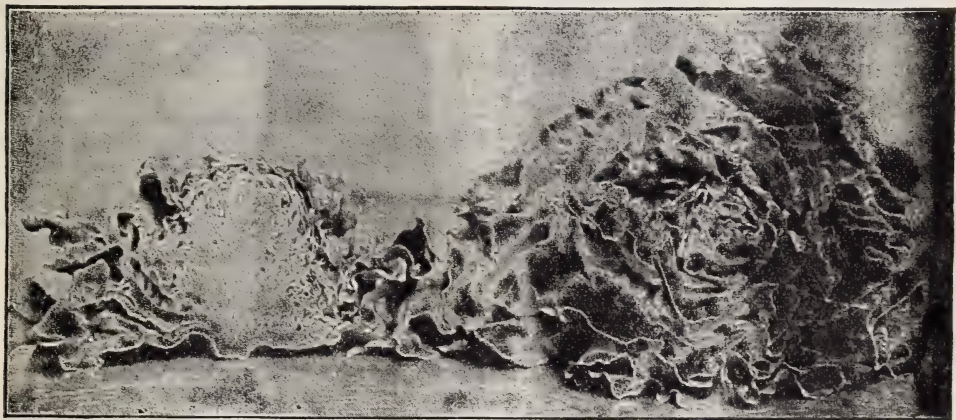
**Tall Green Curled Scotch**—Packet, 5 cents; ounce, 10 cents; quarter pound, 25 cents; pound, 70 cents.



Early Green Curled Kale or Borecole.

## Hastings' California Grown Lettuce.

We have a grower in California who grows the finest lettuce seed in the world. He grows all of our lettuce seed, and it is a grade of seed that has no superior and few equals. It's not the lowest priced seed in the world, but it is the best and cheapest for the planter who wants a first-class crop. Our lettuce is perfect in germination, in growth and in heading. It's the best that can be grown.



Hastings' Florida Header Lettuce.

## Culture

In this section sow lettuce in August and September. Further south, especially in Florida, it can be sown all through the fall and winter. The crop for shipment to Northern markets from Florida is sown from November 1st to January 1st. For this use head varieties are planted exclusively, Florida Header, California Cream Butter and Big Boston being the favorites. Soil for lettuce should be rich and mellow and fairly moist. The quality of lettuce is almost entirely dependent on an unchecked, rapid growth. Any check in growth makes it tough and interferes with the heading. Give frequent and thorough cultivation. This, combined with moist, rich soil, will insure you lettuce of the finest quality. Do not forget to make successive plantings to keep up a continuous supply during the entire season.

### Hastings' Florida Header.

Our Florida Header is now the leading variety for the grower for shipment, and for the home and market gardeners who desire large, solid heads. It is a large, white-headed variety, heads quickly, but is very slow to run to seed. It seems to hold up its appearance in shipment better than Big Boston, which was the leading variety before we introduced Florida Header. It is very resistant to both cold and heat, it passing through many of the severe freezes in Florida in recent years when other varieties were either killed out entirely or badly damaged. For home use it is crisp and tender, and its fine appearance in market adds greatly to its selling qualities. In actual field test this variety stands two weeks longer than Big Boston before running to seed. Packet, 5 cents;  $\frac{1}{2}$  ounce, 10 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 35 cents; pound, \$1.25.

### Big Boston.

A standard market garden variety, and grown almost exclusively in some sections of Florida for shipment. It is an extra large, firm heading variety, very similar in shape to the Tennis Ball, but twice as large. It is rather a late variety, but makes a good appearance in market when well grown. Our seed is grown for us by the best lettuce seed grower in the world, and is true stock. Packet, 5 cents;  $\frac{1}{2}$  ounce, 10 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 35 cents; pound, \$1.25.



OUR PRICES INCLUDE POSTAGE.



Hastings' Drumhead White Cabbage Lettuce.

## HASTINGS' DRUMHEAD WHITE Cabbage Lettuce.

One of our best lettuces for planting in home and market gardens in the South, and a good one for market. It has large, solid heads, often two to three pounds. Very crisp, tender and entirely free from bitterness. Leaves outside a light green, inside almost a pure white. A quick grower, and can be used for salad at all stages of growth, from the first tender leaves up to the full-sized heads. Leaves are finely fringed and crumpled, making a handsome appearance. For fall planting it is fine. Packet, 5 cents;  $\frac{1}{2}$  ounce, 10 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 30 cents; pound, \$1.00.

### CALIFORNIA CREAM BUTTER.

Also known in some localities as "Royal." This is a splendid variety for the open ground at all seasons in the South, but is not as hardy as Florida Header in early winter nor is it as good a heat resister in summer. It is a fine variety for market gardeners and shippers. Heads are large, very solid and the interior of the head naturally blanches to a beautiful cream yellow when properly grown. The pure strain of this variety can be distinguished by the very small spots on the outer leaves. We have the pure strain of this variety from the most noted and careful lettuce grower of California. Packet, 5 cents;  $\frac{1}{2}$  ounce, 10 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 35 cents; pound, \$1.25.

### Varieties too Well Known to Need Description.

Denver Market, Grand Rapids Forcing, Marblehead Mammoth, Improved Hanson, Tomhannock, Satisfaction (black seed), Prize Head, All Year Round, Salamander, Black Seeded Simpson, Philadelphia Butter, White Paris Cos, Tennis Ball (black seed). All 5 cents packet; 10 cents per ounce; 30 cents  $\frac{1}{4}$  pound; \$1.00 per pound.

### MUSTARD.

**Culture** Sow in any good garden soil thickly in drills 16 inches apart. Give clean culture, keeping free from grass and weeds. Leaves large enough to use as a salad in from 4 to 6 weeks from sowing, and can be cut all through the winter. Sow from August to April. Very hardy in the South.

**Chinese Mustard**—(True Stock)—We have sold this variety from China for a number of years. It is much superior to the Southern Curled in size, quality and flavor. Immensely productive, the leaves being twice the size of ordinary mustard and remain tender and fit for use much longer. See the engraving, which is a good representation of it. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 30 cents; pound, \$1.00, postpaid.

**Giant Southern Curled**—An old and well-known variety, used in all parts of the South for salads, like lettuce, and for boiling. Our strain of this variety is what is sold by many as the "Ostrich Plume," much superior to the old variety in appearance and quality. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents, postpaid.

**White Mustard**—Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

### CONGRATULATIONS.

I want to congratulate you on my spring seed. They have come up extra fine. Am highly pleased.

EUGENE MASTERS, St. Augustine, Fla.

### THE ICEBERG.

This is one of the most beautiful varieties we have ever grown and three years' test has fully convinced us of its value both as an ornamental lettuce and for a crisp, tender variety that will run well into summer before running to seed. It holds up without running to seed under general cultivation as long as Florida Header. It is what is known as a "crisp leaved" variety and is the hardest heading of that class of lettuce. Also a good variety for forcing under glass in winter. Heads of medium size, conical in shape, which are tightly folded and blanch to a beautiful white; outer leaves light green, finely fringed and grow up closely around the head. Packet, 5 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 35 cents; pound, \$1.25.

### SEVEN YEARS' EXPERIENCE.

I have been using your seeds for the past seven years and find them so much superior to those from other seedsmen, both in quality and quantity, that I will use no others so long as I can get yours.

L. C. BRADSHAW, Alliance, Texas.



# ❀ Garden or English Peas for Fall Planting. ❀

## CROP FAILURE.

The year 1901 was the most disastrous ever known in the seed trade on garden peas. We have but a limited quantity of the following described varieties to offer for early fall plantings. The 1902 crop will be ready for delivery about November 1st, early enough for the heavy market garden plantings of Florida, and prices on pecks and bushels will probably be lower than these. If you are interested in peas in quantity at that time, let us know and we will quote you special prices on the new crop peas.

## Prices Include Postage Prepaid by Packets, Pints and Quarts.

When peas or beans are ordered in quantity larger than quarts, they will be sent by freight or express, as directed, at purchaser's expense.

**CULTURE.**—For fall planting in the central South, peas should be sown early in September, of such varieties as Home Delight and Bliss Everbearing. Extra early varieties, such as John L., can be sown the latter part of the month and matured before frost. In Florida and along the Gulf they may be sown during any of the fall months, October and November being preferable. Sow in drills two or three inches deep. Let them be planted in double rows about 6 to 8 inches apart, and when vines get large enough run together. Most varieties are of stiff enough growth to support each other, and the planter is relieved of the troublesome work of sticking or brushing them. Peas are not grown in the South as much as they should be, and we believe that our friends make a mistake in neglecting this crop. Any of the extra early kinds and Bliss' Everbearing and Home Delight can be grown in double rows without sticking.



John L. Peas.

## JOHN L.

The finest and earliest of all the extra early varieties, either for market use or for the home garden. For ten years this variety has successfully stood competition with all the extra early peas offered by other seed houses, but no pea has been introduced that combines such earliness and productiveness as does this variety. It is now a standard among Southern market gardeners, and each year the demand increases, our sales of John L. exceeding that of all other varieties combined. Mr. C. J. Montgomery, of St. Augustine, Florida, planted a peck of John L., and on the thirtieth day from planting gathered one bushel of peas. In several tests made by experienced market gardeners near Atlanta, John L. beat Landreth's Extra Early into market seven days. For a quick or an early crop of peas you will make no mistake in planting John L. Large packet, 10 cents; ½ pint, 15 cents; pint, 25 cents; quart, 45 cents, post-paid; peck, \$1.60; bushel, \$6.

## BLISS' EVERBEARING.

Height of vine, 18 inches to two feet. Pods three to four inches long, each pod containing six to eight wrinkled peas. Size of peas very large, frequently half an inch in diameter; quality very fine. Its habit of growth is of peculiar branching character, forming as many as ten stalks from a single root stalk. The individual branches are of extraordinary strength and substance, so that when hilled up properly they stand up well without brushing. For continuance of bearing this variety is notable—a characteristic which gives it especial value for late summer and autumn use. After repeated pickings the vines continue to be covered with blossoms and buds, developing to maturity in turn. The quality is the best of any pea known, a variety that should be in every garden. Packet, 10 cents; ½ pint, 15 cents; pint, 25 cents; quart, 40 cents; peck, \$1.40; bushel, \$5.



Bliss' Everbearing Pea.

# Pride of the Market Peas.

This variety is among the finest in quality of all the large podded dwarf-growing peas. Very uniform in growth and bears extra large, handsome, dark green pods, which are always well filled with peas of the finest quality. Comes in bearing at same time as Telephone, but is of dwarf growth, seldom exceeding 18 inches in height. Growth large and stiff and does not require staking. Practically you get the same yield from this variety that you would from the large, tall growing varieties, and the peas leave nothing to be desired in quality. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 45 cents, postpaid; peck, \$1.75; bushel, \$6.50.

## HASTINGS' HOME DELIGHT.

A splendid second early, heavy and long bearing variety introduced by us and sold for the past 12 years. For a satisfactory variety for home use and nearby markets it is unexcelled. It is the earliest, best quality and heaviest bearer of all the heavy croppers. While it's a strong vigorous grower and one of the very heaviest bearers, yet it is of such stiff, stocky growth that it can be grown without "brushing" or "staking" if planted in double rows 6 to 8 inches apart and run up together. Quality of the very finest, being a large wrinkled variety of the finest flavor. Packet, 10 cents;  $\frac{1}{2}$  pint, 15 cents; pint, 25 cents; quart, 40 cents, postpaid; peck, \$1.40; bushel, \$5.00.

## SWEET PEPPERS.

These mature in three to four months from seed, and are a valuable shipping crop for late fall and early winter in the extreme lower South and Florida. The large Bell or Bull Nose and Ruby King are almost exclusively grown for this purpose.

**Large Bell or Bull Nose**—A large, sweet, mild pepper used for salads and for stuffing. A profitable crop to ship after the crops of it further north have been killed by early frosts. Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.75.

**Ruby King**—A little larger than the Bell, but seemingly better for spring planting in the South, rather than for fall crops. Packet, 5 cents;  $\frac{1}{4}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

## TELEPHONE.

The Telephone is one of the finest of the tall wrinkled marrow peas ever introduced. It is a strong, vigorous grower, often growing 5 feet, and must be brushed or staked. It is immensely productive, having 18 to 20 extra large pods, tightly packed with large size, delicious peas of the best quality and the excellent sugary flavor so desirable in peas. It is a favorite in Atlanta both among market and private gardeners. All who grow it are pleased with its quality and heavy bearing. Too much can hardly be said of this variety and it seems to be well adapted to all parts of the South. Packet, 10 cents; pint, 25 cents; quart, 45 cents, postpaid; peck, \$1.75; bushel, \$6.50.

## PARSLEY.

Sow from September to November in rows 15 inches apart. When plants are well up thin out to six inches apart. Parsley requires usually from 3 to 6 weeks to germinate.

**Extra Moss Curled**—Closely curled and beautiful. Packet, 5 cents; ounce, 10 cts.;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

**Double Curled**—Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cts.; pound, 60 cents.

**Plain Leaved**—Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 50 cents.



Moss Curled Parsley.

# The Business of Farming

Is one of the most complicated businesses in the world when followed as it ought to. There is hardly a line of business where so much knowledge is needed or where knowledge can be so well turned into dollars and cents.

Farming in its broad sense, including the growth of staple crops, market gardening and fruit growing, is pre-eminently the business of the South. Almost everyone to whom this catalogue goes is engaged in it, yet there is not a single one of them who knows so much about the business that they cannot learn something new from every issue of

## THE SOUTHERN RURALIST

The best and cheapest farm paper published. It is a strictly Southern paper and a strictly farm and garden paper. It is published to help, so far as it can, the business of farming and gardening in every Southern State. It is full of practical suggestions written by men on the farms in the South—practical men who are engaged in the business of farming and gardening here in the South; not men who sit in their editorial offices in Northern cities and write through Northern papers telling you how to grow your crops down here, but Southern men who are struggling with the same problems you are; men who are plowing and cultivating the same kinds of soil; men who are troubled with the same destructive insects and plant diseases that you are; men who have to buy their own fertilizers and get the most out of them; men who are working under just the same conditions that you are. These men are constantly experimenting. Their experiments and the results of those experiments are given to you every month through the **Ruralist**. The suggestions and experiences of these men can help you and give you new ideas and methods. These men's experiments must help you. They are open to every reader of the **Ruralist** who will read, think and act upon these suggestions. The **Ruralist** is

## The Best Agricultural Paper in the South.

It goes now into 26,000 farm homes every month. It is a help to every one of them. As one reader said: "The **Ruralist** is equal to an extra hand on my farm." You need that "extra hand" on your farm now. You can get it easily and cheaply.

We want the **Ruralist** in the home of every farmer in the South. We will send it for one year as a premium on orders for seeds, in packets only, to the amount of 25 cents, or it will be sent as a premium on any order for seeds to the amount of One Dollar. This is the most helpful premium we can offer you and we want you to take advantage of it.

## RADISH.

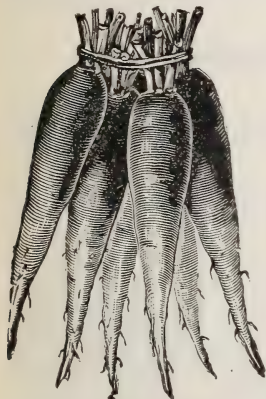
**Culture**—For best results radishes require a rich, loose, moist soil. The crisp, tender flesh of radish depends almost entirely on rapid growth. Radish planting should begin in September in almost all parts of the South, and continue every ten days to two weeks to insure a succession of crisp, tender radishes for the table. The long varieties are usually the best for first plantings in the fall, followed by the turnip and half-long sorts in October and November. Sow the winter varieties (Spanish and China Winter) in August and September. In Florida and along the Gulf radish can be sown continually through the winter. Sow seed thinly in drills, 1 foot apart, cover seed  $\frac{1}{2}$  inch and keep clear of weeds and grass.

**Early Long Scarlet**—This is an old favorite, both for market and home garden. Grown by the home gardener and by the market gardener. Root a bright scarlet, long, and tapering to a delicate point. Flesh very crisp and tender, and when grown rapidly is free from all pungent taste. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 55 cents.

**Long White Vienna**—Finest long white radish in cultivation. It is almost identical with Long Scarlet, except in color. Beautiful shape, skin and flesh pure white, crisp, tender and of quick growth. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 65 cents.



**OUR PRICES**  
Include Postage.



New Glass Radish.

**Hastings' New Glass**—This we consider the finest of the long radishes. We have sold it now for several years, and it has always given satisfaction to those who plant it. It is of pink color, white tipped and regular in size and growth. Flesh transparent white, always crisp, brittle and mild flavor, even when grown to large size. Named glass because of its brittleness and transparent flesh. Very desirable. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 70 cents.

**White Strasburg**—Oblong, tapering shape. Skin and flesh are pure white, firm, brittle and tender, retaining its crispness even when the roots are old and large. The best for summer use. An excellent family or market variety. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 70 cents.

**Wood's Early Frame**—Similar to the Long Scarlet, but earlier, shorter and broader, more brilliant color, and better for forcing and market. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

**Newcom**—Earliest half-long white radish. Their shape and appearance make them ready sellers. Fine eating quality, holding up for several weeks after being ready to pull. They stand extremes of heat and cold. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 70 cents.

**China Rose Winter**—Bright rose-colored winter variety, to be sown in summer and fall for winter use. Excellent quality and best winter variety. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 65 cents.

**Chartier**—Grows to a large size, but not very uniform shape. Red at the top, pink in the middle, white at tip; handsome appearance when pulled at the right time. It is especially fine flavored when grown quickly in the South. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 55 cents.

**Long White Spanish Winter**—Mild in flavor. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

**Long Black Spanish Winter**—Black skin, but white flesh. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

## EXTRA EARLY RADISHES.

**Rosy Gem (White Tipped Scarlet Ball)**—This is the favorite among market gardeners for forcing. We have seen it ready for market in 18 days from time seed was sown. Also desirable in home gardens. One of the earliest. Globe shaped, with rich, deep scarlet top, shading to pure white at bottom. Very tender and crisp; never becomes hollow or pithy. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 65 cents.

**Earliest Carmine**—(Olive Shaped)—Very handsome, and considered by many as the best of the extra early radishes. Olive-shaped, smooth skin, rich, dark carmine color. In 20 to 22 days the crisp, tender little radishes are ready for use. Top small and of upright growth. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents.

**Philadelphia White Box**—Popular white round variety, similar to Scarlet Button, except in color. Very desirable for close planting in frames or borders. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 65 cents.

**French Breakfast**—Olive-shaped. Color scarlet, tipped with white. Flesh tender, and a quick grower. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 65 cents.

**Scarlet Button**—Early round variety. Round form, deep, scarlet skin. Mild flavor, crisp and tender. Short, narrow leaves and very small top. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cents; pound, 75 cents.

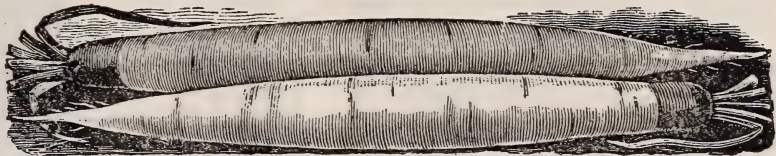


Scarlet Button Radish.

**Hastings' Seeds Always Succeed.**

# Salsify or Vegetable Oyster.

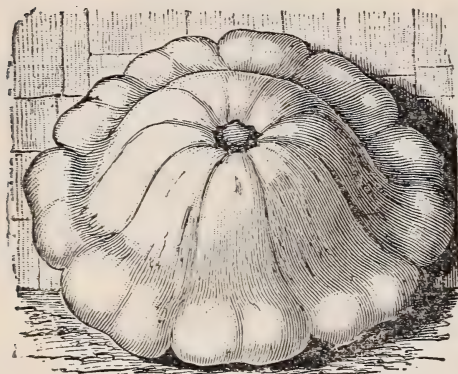
**CULTURE** Sow in naturally rich or heavily fertilized soil in Florida and along the Gulf Coast in September and October. Salsify is a deep rooter, and soil should have been spaded or plowed deeply previous to planting. Sow seed thinly in rows 16 inches apart. When plants are well up thin out to 4 inches apart in the row. Cultivate frequently, keeping ground free from weeds and grass. Salsify is perfectly hardy, remaining in the ground all through the winter. Freezing improves its flavor and quality greatly. Leave standing in the open, and pull as wanted for use during winter and spring. Sow one ounce of seed to each 100 feet of row.



**Mammoth White Sandwich Island Salsify.**

**Mammoth Sandwich Island**—The best white variety. Attains large size, being twice the size of the Long White. In quality it is much superior to other sorts. Packet, 10 cents; ounce, 15 cents;  $\frac{1}{4}$  pound, 35 cents; pound, \$1.25.

## Squashes for Summer and Fall Planting.



**White Bush Squash.**

**Yellow Summer Crookneck**—The old, well known variety of Summer Crookneck, a favorite both for home and market gardens. Fruits small and of a bright orange yellow color and covered with watery excrescences. Flavor is rich and buttery. A favorite for market gardeners and shippers. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 50 cents; 10 pounds, not prepaid, \$4.00.

**Giant Summer Crookneck**—This superb variety has all the good characteristics of the Yellow Crookneck and combines with it almost double the size. These Crookneck varieties are by far the richest and finest flavored of all squashes. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

**Early Yellow Bush**—This is the same in shape and size as the White Bush but has skin of a clear golden yellow and is somewhat richer in flavor than the white varieties. Very desirable for family use and nearby markets. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 50 cents.

**Golden Custard**—A splendid variety of the scalloped squashes. Extra large, with smooth, clear, golden yellow skin and of the finest flavor. Grows in regular bush form and is immensely productive. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 20 cents; pound, 60 cents.

**Early Prolific Marrow** } All desirable running or winter  
**Boston Marrow** } squashes. Each, Packet, 5 cents;  
**Improved Hubbard** } ounce, 10 cents;  $\frac{1}{4}$  pound, 25 cts.;  
 pound, 75 cents.



**Summer Crookneck Squash.**

**\$1 or \$2** Judiciously expended for Garden Seeds can be made to produce from fifty to a hundred and fifty dollar's worth of supplies on an acre of ground or less. Is there any other branch of Southern farming that will give so large returns for so small an expenditure of money and labor? We think not. Try it yourself this summer and fall.

## ...American-Grown Spinach Seed...

The American-grown stock of Spinach is much superior to the imported seed in every particular. The germination is better and stronger, the growth larger and more vigorous and hardier. We have nothing but American-grown seed of spinach.

**Hastings' Aragon Spinach**—Our new variety for the South. Fine market size, producing a large, thick, green leaf, well crumpled or savoyed, and stands a long time before running to seed. The hardiest of all varieties, standing any ordinarily cold winter without damage in this latitude. At the same time it is one of the best heat-resisting sorts for late spring use. This variety has been thoroughly tested, and pleases all market gardeners who use it. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 40 cents, postpaid; 10 pounds, not prepaid, \$2.50.

**Broad-Leaved Flanders**—Good standard variety for home use and market. Packet, 3 cents; ounce, 8 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 35 cents; 10 pounds, not prepaid, \$2.

**New Long Standing**—Sow for all seasons. A heavy cropper that does not run to seed readily. Packet, 3 cents; ounce, 8 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 35 cents; 10 pounds, not prepaid, \$2.



Hastings' Aragon Spinach.

**Bloodsdale**—A valuable variety, which is extensively grown, producing large crops of thick-leaved savoy Spinach. Packet, 3 cents; ounce, 8 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 35 cents; 10 pounds, not prepaid, \$2.

**Curled Norfolk Savoy**—Sow for fall and winter use, as it runs to seed if sown in the spring. Is the heaviest cropper. Packet, 5 cents; ounce, 10 cents;  $\frac{1}{4}$  pound, 15 cents; pound, 35 cents; 10 pounds, not prepaid, \$2.

## ✂ Hastings' Long-Keeper Tomato. ✂



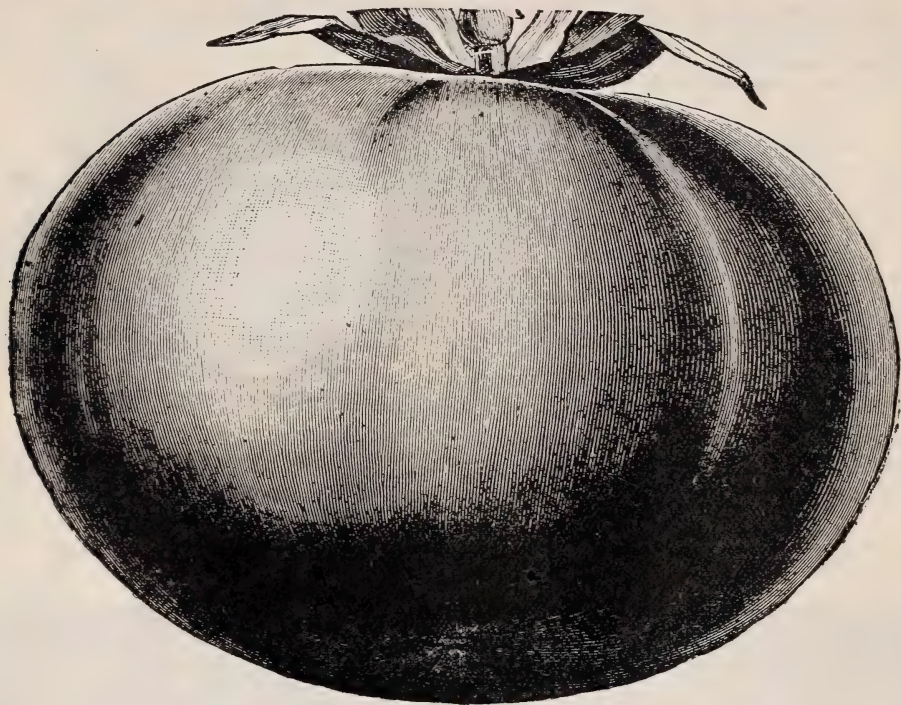
A splendid variety for late summer and fall planting in the South. Color a very bright red; tomatoes of medium size, very firm and solid; a splendid shipper and the longest keeper of any. Equally good for both home and market use, and no other variety will stand the amount of hot sun and drouth that Long-Keeper will. Our market gardeners who ship long distances will find this a splendid variety to "hold up" in shipment on account of its long-keeping qualities and freedom from rot. A strong, vigorous grower, well adapted to all parts of the South. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$1.75.

## Hastings' Tomato Seed

Grown by a Tomato Specialist who grows Tomato Seed for us exclusively.✂

Our Special Strains and Varieties of Tomatoes are known and planted over the South by market gardeners and home gardeners. Nothing untried about it. Our strains of Tomatoes have stood the test of 14 years' continuous planting, and each year we enlarge the acreage for seed purposes. Our tomato seed gives the planter entire satisfaction in germination, vigor of growth and full-sized, finely colored, smooth fruit, free from cracks and splits. **It's perfection in Tomato Seed.** Our special strains of Redfield Beauty, Long-Keeper, Stone and Dwarf Champion leave nothing to be desired. It gives perfect satisfaction. Tomato Seed of the purest and finest quality is one of our specialties, and we are proud of our success in furnishing to our friends the purest and best Tomato Seed of any firm.

# REDFIELD BEAUTY TOMATO.



The most thoroughly satisfactory tomato grown. It has stood the test of both market and home gardeners for twelve years, not only in our Southern States, but in foreign countries as well. It's the right size, the right earliness, the right shape, the right color, the right bearing qualities, the right shipping and eating qualities; in fact, it's an all right tomato in every respect. In every way and in every test it has proven its great superiority to other famous varieties in Florida, Georgia, Mississippi, Louisiana and Texas.

Its vigorous growth, heavy and long-bearing qualities, its hardness, its perfect shaped fruit, and its comparative freedom from rot under the most trying conditions of growth, has made it a favorite wherever planted. It has a glossy crimson color, with a slight tinge of purple. Grows in clusters of three to five fruits. The most regular in growth of fruit of any variety known. Retains its large size until all are picked. Its shape is perfect, and it cannot be excelled for toughness of skin and solidity. Is especially valuable for market gardeners who have to ship long distances or carry in wagons over rough roads. The skin does not break. In competitive tests this season it distanced all of the noted varieties put out by the Northern seed houses; not one of them was equal to it. In past years this variety has taken many prizes at fairs and meetings of agricultural societies, and stands to-day without an equal. This may sound like boasting, but every word of it is borne out by the experience of both private and market gardeners in the past twelve years. For the shipper it is beyond a question the best. It can be picked in the green stage and it will ripen up during shipment, presenting a handsome appearance.

**PRICE**—Large packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$1.75; 5 pounds, \$8.00; 10 pounds, \$15.00.

**New Stone**—A splendid main crop variety, of large size and bright red color; very smooth. Largely used in some parts of South Florida for winter shipment. It is a good, firm, solid tomato, used in many sections for canning purposes. A splendid variety for late tomatoes in home gardens. Packet, 5 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$1.75.

**Buckeye State**—Large, heavy, solid variety, of deep color. Packet, 5 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.

**Royal Red**—Large, smooth, Livingston variety. Packet, 5 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

**Favorite**—Standard variety of good size, shape and color, of glossy crimson, tinged with purple. Few seeds, skin thick and tough. Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.75.

**Dwarf Champion**—One of the best of recent acquisitions. The only variety of stiff enough growth to be self-supporting, thus keeping fruit off the ground without staking. Very stiff, upright, compact growth. Fruit medium size, very smooth and round. Very desirable. Packet, 10 cents;  $\frac{1}{2}$  ounce, 15 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 75 cents; pound, \$2.75.

**Perfection**—An old standard variety, and one of the best. Color, blood red; skin smooth and rather tough. Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.75.

**Mikado**—(Turner's Hybrid)—Large size and solid. Packet, 5 cents; ounce, 25 cents;  $\frac{1}{4}$  pound, 60 cents; pound, \$2.00.

**Acme**—An old favorite, early, very productive variety, of dark red or purplish color. Fruit of medium size. Packet, 5 cents; ounce, 20 cents;  $\frac{1}{4}$  pound, 50 cents; pound, \$1.75.

# Wheat, Oats, Rye and Barley.



Currell's  
Prolific Wheat.

We carry during the fall season complete stocks of suitable varieties of Wheat, Rye, Oats and Barley of first-class seed stock only. At the time this catalogue is issued it is impossible to make prices that will stand through the season on seed grain as they fluctuate in price constantly. The prices given herewith are as near the average prices as we can estimate at this time, and we expect to fill orders at these prices. Should these prices be above the market at the time your order is sent we will refund any difference in the price. We do not attempt to compete in price with the alleged seed grain sold by produce and feed houses and gathered up from uncertain sources. Thousands of bushels of low grade milling wheat has been brought into Georgia during the past two years and sold as seed wheat. We are not handling that class of grain. Our seed grain is seed stock grown for that purpose. It is carefully grown and selected for seed purposes, and will give satisfaction to those who plant it. Our prices are fair to you and to us. If you need seed grains in quantity we shall be pleased to make you special prices on application. The largest part of our seed grain is raised on the stiff red clay soils of North Georgia. The superiority of these soils for grain production is well known. We are now making a specialty of grain seed for fall planting and you will not be disappointed in your crops with seed grain from Hastings.

**Currell's Prolific Wheat.**—This splendid beardless wheat has given entire satisfaction wherever grown in the South, both as regards quality and yield of grain, yields of 30 to 40 bushels being reported as against yields of 20 bushels of other varieties on the same land. Grain medium size, very flinty and a fine milling wheat. Straw very stiff in growth, healthy, strong grower and medium early to ripen. Heads nearly twice the size of the Blue Stem. It is undoubtedly the largest yielding and most satisfactory of all beardless varieties that are adapted to growth in the South. Price, including bags, 40 cents peck; \$1.35 per bushel. Special prices on larger quantities.

**Extra Early Blue Stem or Purple Straw Wheat.**—This is an old favorite among wheat growers in the South. It's a fine productive beardless wheat, a standard in this section. It has always been an early variety, but this past year we have secured an extra early strain of Blue Stem, ripening a week or ten days ahead of the old strain. Price, about 40 cents peck; \$1.25 per bushel. Special prices on larger quantities on application.

**Red May.**—A popular variety in the South, usually ripening latter part of May in this latitude. Very prolific, with flinty grains. Makes a strong milling wheat. Price, about 40 cents peck; \$1.20 per bushel. Special prices on application.

## OATS FOR FALL PLANTING.

**Winter Grazing or Turf Oats.**—Are grown largely throughout this section, making splendid crops of oats, heavier and better than the Rust Proof. When sown early so as to have a chance to become well established they are fully as hardy as wheat and make splendid grazing during late fall and early spring without injury to the grain crop to follow. The yield, under favorable conditions, is almost incredible, and their stooing and turfing qualities exceed those of any other variety. On rich soil they have been known to yield over 100 bushels per acre. Much heavier than the ordinary oats. In this latitude, sow in September and October. Price, about 75 cents per bushel. Ask for special prices on large quantities.

**Texas Red Rust Proof.**—A standard variety for either fall or spring sowing all over the South. Better adapted to light and sandy soils than the Turf oat. Price, about 65 cents per bushel. Special prices on large quantities.

**Burt or Ninety-Day Oat.**—Strictly a spring sown oat in this latitude, but much sown in fall and early winter in Florida and along the Gulf. A fine, clean, bright oat, which matures quickly. Requires a very fertile soil to make paying crops. Price, 85 cents per bushel.

## GEORGIA GROWN WINTER RYE.

Very little of the rye sold as Georgia grown ever sees Georgia until it is offered for sale, most of it coming from the other side of the Ohio river. We obtain our rye direct from the farmers who grow it here in Georgia, and know just what we are getting. No Northern grown rye is sold by us. Rye is used all over the South for winter pasturage, early green feed, and for turning under green. Can be sown successfully from August to March in this latitude. It's a good crop to cover your ground during the winter rains, preventing leaching and washing of hills and lands. Sow 1 to 1½ bushels per acre. Price, 35 cents peck; \$1.00 per bushel. Special prices in large quantities.

## FLORIDA GROWN WINTER RYE.

In many parts of Florida, especially the central and northern parts of the State, the Georgia grown rye is not always satisfactory. We have a few hundred bushels of Florida grown rye for our Florida customers. This will be shipped direct from the growing station in Florida, saving freights. No order for less than one bushel of Florida Rye can be filled. Price, \$2.25 per bushel. In 10 bushel lots or over, \$2.00 per bushel.

## WINTER BARLEY

Makes a much more leafy growth than either oats, rye or wheat. It makes a strong growth and excellent pasture during winter and early spring, as it can be constantly grazed without injury. A splendid feed for both stock and poultry. Sow at rate of 1½ to 2 bushels per acre during fall and early winter. Price, 40 cents peck; \$1.10 per bushel.

# Grass and Clover Talk.

We have in course of preparation a pamphlet on grasses and clovers adapted to the South. It is illustrated, describes grasses, clovers and forage plants fully, and gives full directions for soil preparation—in fact, tells all the facts about grasses that are so little known in Southern farming. This talk on grasses is not for sale. It is written entirely for the benefit of our customers and others who may be interested in grass and clover culture. Grass culture is neglected in the South. Grass ought to be “King,” and if our “Grass and Clover Talk” will help to awaken interest in Southern farm work, we shall feel fully repaid for our trouble and expense in its preparation. It’s free to any one interested in the subject. In ordering say that you want it, and a copy will be mailed you as soon as it is ready.

## ALFALFA OR LUCERNE.

Each season shows an increased interest in this splendid hay and forage plant. It is the most valuable permanent clover that can be grown in the South, seemingly adapted to all of our States except Peninsular Florida, where its success is doubtful. Once well established it is perpetual, furnishing 3 to 5 cuttings per year. Its nutritive value for feeding is of the highest. Growth remarkably strong, and the roots often penetrate 20 to 30 feet into the subsoil, bringing up plant food that would otherwise never be available. This deep rooting puts the plant forever beyond the reach of drouths after the first season. We know of one field of it in Georgia that is now over 30 years old, fresh, vigorous growth, as rampant as it was the first five years. No farmer with stock, or dairyman, can afford to be without it. It is well worth the careful attention of the first year to get it established. September and October sowings are the most satisfactory. Sow 15 to 20 pounds to the acre. Full cultural directions given in our “Grass and Clover Talk.” **HIGHEST GRADE SEED.** Pound, postpaid, 30 cents; 3 pounds, 75 cents; peck, not prepaid, \$2; bushel (60 pounds), about \$7.50. Peck and bushel prices subject to market changes.

## CRIMSON CLOVER.

An annual variety that is proving very popular in the South. The crops of it near Atlanta this year have been magnificent, many of them averaging over 8½ feet in height. Especially valuable for the lighter clay soils. Grown most largely for winter pasture and hay crops, maturing early in May. It’s a nitrogen gatherer, and even where the tops are cut off the stubble and roots add largely to the fertility of the soil. It’s one of the cheapest and most valuable of the soil improvers, and its growth will undoubtedly pay big on the investment in all the Southern States except Central and Southern Florida. Sow from August to November, taking care to have the ground thoroughly prepared and the highest grade seed. With these, success is practically assured. Pound, postpaid, 25 cents; peck, \$1.25; bushel, \$4.50, not prepaid. Price subject to market changes.



Lucerne Clover or Alfalfa.

## RED CLOVER.

A valuable farm crop, largely used for pasturage and soil improvement. Yields 2 or 3 cuttings per year. First crop makes rich feed and is the most valuable for hay. Clover draws nitrogen from the air largely, and is one of the best soil renovating crops. Clover intelligently used, is the farmer's best friend. Should be used as a rotation crop. Sow either in fall or spring. September and March are the best months. Pound by mail, postpaid, 30 cents; 3 pounds, postpaid, 75 cents; peck, \$2; bushel, \$7.50, subject to fluctuations in market prices.

## WHITE CLOVER.

Does well in almost all lands of the Central South, but prefers moist land. Thrives better than other clover on land containing iron. Sow either in fall or spring, 5 to 6 pounds per acre. 35 cents per pound, postpaid.

## CALIFORNIA BURR CLOVER.

A valuable plant for the South, introduced from South America. Seed should be sown any time from July to October, 50 pounds of “burrs” per acre. In explanation of this we would say that the seed is contained in small “burrs,” and cannot be separated. It is an annual plant, furnishing excellent winter grazing, or a hay crop in May. If left to mature, seed forms, drops on the ground, seeding it for the next year's crop. In the meantime summer crops can be grown and matured on the same ground. Our farmers can plant it with perfect safety, as there is nothing of a pest nature to it. Its growth is strong even on the poorest ground. On soil too poor for rye to get high enough to cut, Burr Clover made growth 2½ to 3 feet high. Burr Clover is a leguminous crop, gathers nitrogen from the air, and, after furnishing winter grazing, leaves the soil in better condition for succeeding crops. Price, 40 cents per pound, postpaid; bushel of 10 pounds, \$2.50 per bushel. Bushel price subject to market changes.



Red Clover.

## Hairy, Sand or Winter Vetch.

The Sand Vetch (*Vicia Villosa*) is one of our most valuable forage plants, in fact the most valuable of all to furnish green forage in winter. It is in general use in this section by dairymen. It's a nutritious feed, fattening and at the same time largely increases the flow of milk.

R. J. Redding, Director of the Georgia Experiment Station, under date of July 16, 1900, says: "I sowed some little patches of the Hairy Vetch on Bermuda sod and I was astonished and agreeably surprised at the result and am very much pleased with it; indeed, I find it much more hardy than the common vetch (*Vicia Lativa*), the severe freeze in February killing the common vetch to the ground and not even singeing the Hairy Vetch. On one plat, occupied by a very heavy Bermuda sod, I sowed the seed in October myself at the rate of one bushel per acre and did not attempt to harrow them in or in any way cover them. The result was remarkable. When at its best I measured a small plat of it accurately and weighed the green forage. The amount was 29,500 pounds per acre."

Vetch should be sown from August to December at the rate of 30 to 40 pounds per acre, with  $\frac{3}{4}$  to 1 bushel of rye or winter oats. Vetch is a trailing plant and needs something like rye, oats or wheat to support it, holding it well off the ground and making it easier to harvest and cure. Price, 30 cents per pound, postpaid. In 10 pound lots or more, 15 cents per pound, not prepaid.

### GENUINE RESCUE GRASS. (*Bromus Unioides*.)

This is our most valuable Southern grass for fall planting. Seed should be sown in early fall and will germinate when cool weather arrives. It is an annual, furnishes grazing until April when stock should be taken off and growth made for hay crop. Grows 2 to 2½ feet high and hay made from it has no superior. It is adapted to all the Gulf and South Atlantic States.

We would advise our customers in all sections of the South to give this grass a trial. Mr. Reasoner, of the firm of Reasoner Bros., prominent nurserymen and horticulturists, stated to us that Rescue Grass had given most excellent results on their grounds, and was enthusiastic in speaking of its valuable qualities. They are located at Oneco, Manatee County, Florida, and it is thus seen that the grass does well as far south as Southern Florida.

We wish to warn our customers against the so-called "Rescue or Arctic Grass" sold by several parties at Rome, Ga. The stuff being sold there is nothing but "cheat." They are disseminating a pest under the name of a valuable grass. We have the genuine Rescue Grass, grown specially for us in Texas. Pound, postpaid, 30 cents; 3 pounds, 75 cents; bushel (24 pounds), not prepaid, \$2.00.



Hairy, Sand or Winter Vetch.

## All Prices of Grasses, Clovers, Etc., Subject to Market Changes.

### ORCHARD GRASS.

One of our most reliable grasses for the Middle South either for hay or pasture. While succeeding well on almost all soils, it does best on loamy and moderately stiff uplands. It starts growth early in spring and continues to grow well into winter. A quick grower, highly relished by stock, especially when young, and bears close grazing. Makes good hay. Cut for hay when in bloom. Sow in fall or spring, but best results are obtained from fall sowings. Sow 2 bushels per acre. If sown with Red Clover, use 1½ bushels Orchard and 7 pounds Red Clover per acre. Pound, 25 cents, postpaid; bushel, 14 pounds, highest grade seed, about \$1.75. Prices fluctuate. Write us for prices on large quantities.

### RED TOP OR HERD'S GRASS.

Makes excellent pasture and a fine quality of hay. Succeeds on a greater variety of soils than any other, but does best on heavy or low, moist, stiff soils. Starts to grow later than Orchard, but generally holds up better through the season for grazing in pastures.

We handle none but the "Fancy Cleaned Seed," from which all stems, hulls, dirt and trash has been removed. One pound of this is worth a bushel of chaff seed. Price, 30 cents per pound, postpaid; bushel (14 pounds), \$2.00.

### KENTUCKY BLUE GRASS.

Too well known throughout the South to need description. Our "Elmwood Fancy" Blue Grass is the very best there is to be had. It's pure and clean, free from all weeds and chaff. We make a specialty of Blue Grass for the extensive lawn work here in Atlanta, where everything depends on having pure vital seed, absolutely free from weeds. Can be sown any time from September to April, but October and November will give best results. Pound, postpaid, 30 cents; 3 pounds, 75 cents; bushel (14 pounds) by express or freight, not prepaid, \$2.00. Special prices on large quantities.

### ITALIAN RYE GRASS.

One of our most valuable grasses, especially suited to moist bottom lands in the Central South. From seed sown in the fall several cuttings of first-class nutritious hay can be made the following summer. Not materially damaged by overflow. An annual grass, which must be sown every year. Sow in September, October and November. Mow as soon as bloom appears. Pound, postpaid, 25 cents. Bushel prices on application.

### MEADOW FESCUE.

Succeeds well in all parts of the Central South. Furnishes green pasturage through the entire winter. Sow in fall for best results. Pound, postpaid, 30 cents. Bushel price on application.

### TALL MEADOW OAT GRASS.

A valuable grass for the South for both hay and pasture. It withstands, with equal facility, the heat and drought of mid-summer and the extreme cold of winter, starts very early in spring and continues late in the fall. It gives two cuttings of hay each season; hay that excels Timothy in feeding value. Gives excellent results on almost all soils. Sow 2 to 3 bushels per acre, either in fall or spring. Pound, postpaid, 30 cents. Bushel price on application.

### TIMOTHY.

An old, well-known grass for hay crops. Not so well adapted to this latitude and further south as to the hilly and mountainous sections north of us. Seed weigh 45 pounds per bushel. Sow 12 pounds per acre. Price very variable. Pound by mail, postpaid, 20 cents. Write for prices on larger quantities.

### JOHNSON GRASS.

If kept within control one of our most valuable grasses. Pound, postpaid, 25 cents. Bushel price on application.

# Hyacinths, Tulips, Narcissus, Etc.



Dutch Hyacinth.

## NARCISSUS GRANDIFLORA.

The most magnificent, the most popular, the most satisfactory of all the forms of Narcissus. It grows equally well indoors or out, in soil or in water. Also known as the Paper White Narcissus. It ought to be in every home in the South for a winter bloomer. Large size, extra fine bulbs, 4 cents each; 40 cents dozen; \$2.50 per 100, delivered.

## SINGLE TULIPS.

**Artus**, bright red; **L'Immaculee**, pure white; **Duchess of Parma**, orange red, bordered with yellow. Each, 3 cents; 25 cents per dozen; \$1.50 per 100, postpaid. **Chrysolora**, large, pure, single yellow, 4 cents each; 30 cents dozen; \$2 per 100. **Single Mixed Tulips**, all shades and colors mixed, 20 cents dozen; \$1.25 per 100.

## DOUBLE TULIPS.

**Duke of York**, white, with blood red center, 4 cents each; 30 cents dozen; \$2 per 100. **La Candeur**, pure white; **Gloria Solis**, rich bronze crimson, with yellow edge, 3 cents each; 25 cents dozen; \$1.50 per 100.

We are extensive importers and dealers in Dutch, French and Chinese Bulbs, and our efforts are always toward getting the largest and best bulbs, ones that will give the best results to our customers who plant them. We do not attempt to compete in price with certain firms who make very low prices and then send the buyer the small, immature, "Miniature" Hyacinths, worth less than one-half as much as the fully developed bulbs, and never giving satisfaction. We offer you the best there is grown in bulbs at a reasonable price. Narcissus and Roman Hyacinths can be furnished after August 15th, the others after October 1st.

## BULB CULTURE.

We have an illustrated pamphlet (12 pages) giving full directions for Hyacinths, Tulips, Narcissus, Crocus, Bermuda Easter Lily, Callas, Chinese Lily, Lily of the Valley, Freesias, Oxalis, Jonquils. This pamphlet is invaluable to every bulb grower, and a copy of it is sent free on request with every bulb order.

## WHITE ROMAN HYACINTHS.

Splendid bulbs from Southern France of this delicate and fragrant variety. 5 cents each; 50 cents dozen; \$3.25 per 100, delivered at your postoffice or express office.

## SINGLE DUTCH HYACINTHS.

PURE WHITE  
ROSE PINK  
LIGHT BLUE  
DARK BLUE  
YELLOW  
DARK RED

First size bulbs only, purchaser's selection of colors. Prices include postage or express charges paid. Each, 8 cents; ½ dozen, 40 cents; dozen, 75 cents; 100, \$5.50.

## DOUBLE DUTCH HYACINTHS.

PURE WHITE  
ROSE PINK  
DARK RED  
LIGHT BLUE  
DARK BLUE  
YELLOW

First size bulbs only, purchaser's selection of colors. Prices include postage or express charges prepaid. Each, 8 cents; ½ dozen, 45 cents; dozen, 80 cents; 100, \$6.

## CHINESE SACRED LILIES.

The most interesting of all bulbous plants. Grows vigorously and to perfection in water alone. Finest selected large bulbs, sure to bloom. 12 cents each; 3 for 30 cents; \$1 per dozen, postpaid.

## BERMUDA EASTER LILY.

Bulbs 5 to 7 inches in circumference, 12 cents each, \$1.25 per dozen; 7 to 9 inches, 20 cents each, \$2 per dozen; 9 to 11 inches, 30 cents each, \$3 per dozen.

**Freesias**—Popular bulbs of easiest culture. First size bulbs, 20 cents dozen; \$1 per 100.

**Mammoth Crocus**—White, blue, purple, yellow and striped. 10 cents dozen; 60 cents dozen.

**White Calla Lily**—10 to 20 cents each; \$1 to \$2 per dozen, according to size.

**Lily of the Valley**—25 cents dozen, postpaid.

Please write your name and address here.

From \_\_\_\_\_

P. O. \_\_\_\_\_ State \_\_\_\_\_

**H. G. HASTINGS & CO.,**

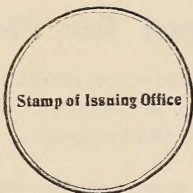
**Atlanta,**

**Georgia.**

**SEEDSMEN.**

**DOMESTIC.**

(Form No. 6001.)



\$ \_\_\_\_\_  
100

No. \_\_\_\_\_

Space above this line is for the Postmaster's record, to be filled by him.

**Application for Money Order.**

Amount \_\_\_\_\_ Dollars \_\_\_\_\_ Cents.

**Sent to** **H. G. HASTINGS & CO.,**

City or town **ATLANTA,**

Street and No. \_\_\_\_\_

State **Georgia.**

**Sent by** \_\_\_\_\_

Address of sender : No. \_\_\_\_\_ Street.

When sending us money use this application. Take it to your Postmaster and procure a Money Order. If not a Money Order office send remittance by registered mail.

## Fees Charged for Money Orders

For payment in United States (which includes Hawaii and Porto Rico), in Canada, in Cuba, and in the Philippines.

For Orders for sums not exceeding \$2.50	..... 3 cents.
Over \$ 2.50 and not exceeding \$ 5.00	..... 5 cents.
Over \$ 5.00 and not exceeding \$ 10.00	..... 8 cents.
Over \$10.00 and not exceeding \$ 20.00	.....10 cents.
Over \$20.00 and not exceeding \$ 30.00	.....12 cents.
Over \$30.00 and not exceeding \$ 40.00	.....15 cents.
Over \$40.00 and not exceeding \$ 50.00	.....18 cents.
Over \$50.00 and not exceeding \$ 60.00	.....20 cents.
Over \$60.00 and not exceeding \$ 75.00	.....25 cents.
Over \$75.00 and not exceeding \$100.00	.....30 cents.

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### Memoranda of Issuing Postmaster:

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NOTE.—The maximum amount for which a single Money Order may be issued is \$100. When a larger sum is to be sent additional Orders must be obtained.

Applications must be preserved at the office of issue, for four years from date of issue.

# Hastings'

## Georgia

## Grown

## Roses



GEORGIA is the home of the rose. In no other State have we ever seen such magnificent results in rose growing as here near Atlanta. The vigor of growth, size and richness of coloring in the bloom is unsurpassed. The roses we offer in the fall are not the small, forced, greenhouse product, but large, two-year-old, open ground grown plants, grown on our own grounds near Battle Hill, Georgia. These plants are for fall and winter planting in all parts of the South.

We are strong and firm believers in the use of open ground grown plants and in fall and winter planting in the South.

These large roses of ours are blooming size plants. In this section they become dormant about October 15th, remaining so usually until March. They are in condition to be transplanted any time during that period. Transplanted during that time into the generally warm soils of the South they at once begin to form new roots and continue to do so during the winter. The air, being colder than the soil, holds the tops dormant or practically so, until spring. By that time a new root system has been formed and is in condition to furnish nourishment to the top when it starts vigorous growth. These fall and winter set plants go to blooming in the spring and continue to bloom throughout the summer. No nursing or petting or coaxing such as is necessary with the forced greenhouse stock. These plants give you results right from the start. With them you do not have to wait a year for good sized, satisfactory bloom. You get it the first season.

We are now making the growing of roses a specialty and a feature of our business. These open ground plants are what we would like to see in the gardens of every one of our customers. Nothing adds so much to the attractiveness of the home as roses. They are, with the beautiful shades of coloring and the fragrant bloom, a never failing source of satisfaction to every lover of flowers.

Early in September we shall issue an illustrated rose catalogue, giving descriptions and prices of all our open ground grown roses. This will be sent free to every one who asks for it. When you send in your seed order, mention the fact that you are interested in roses and a copy will be sent you as soon as it is issued.

### PRICES

The price of these two-year-old, open ground roses is, in most varieties, 25 cents each; \$2.50 per dozen. These plants are too large to be sent by mail and must be sent by express. If you wish us to make a selection for you we will do so, giving you the best possible selection of varieties and send same by express prepaid to any express office in the Southern States for \$2.75. No order for less than one dozen will be filled at this rate. Our list contains the cream of varieties of roses and contains only such varieties as are thoroughly adapted to the South. In ordering a dozen, our selection of varieties, for \$2.75 prepaid to any express office in the South, you may designate the number of each color wanted. Our special rose catalogue, ready in September, contains a full list and description of each variety. It's sent free to all interested in flowers. No open ground roses delivered before October 15th nor later than March 1st.

## Special Rose Catalogue

Ready in  
September

Our Special Rose Catalogue, giving descriptions and prices of our open ground grown roses for fall and winter planting. Sent free to anyone on request.

# Hastings' Hartz Mountain Canaries.

THE sweetest toned song birds of all. Our Canaries are bred in the famous Hartz Mountains of Germany and are famous for their clear, pure, beautiful song.

The companionship of a bird brightens the home life of many a tired and overworked wife and mother on whom the cares and burdens rest heavily. The music of a good singer makes the whole house more cheerful and every member of the family enjoys the pure, clear notes of these happy little song birds. It is a source of pleasure to all who hear them with their bright and varied songs every hour of the day.

In our city trade here in Atlanta we sell hundreds of these feathered songsters every year, many coming from long distances to get them. There are few places in this country where song birds can be bought. New York, Chicago, Baltimore and a few other of the larger cities have their bird stores, but these are not accessible to the great majority who want birds and would have them, did they know where they could be purchased. We have decided this year to offer birds to the more than one hundred thousand customers of ours throughout the South. They can be shipped with perfect safety anywhere by express.



Hartz Mountain Canary.

## WE GUARANTEE SAFE ARRIVAL OF BIRDS

at your express office, all charges prepaid, any time between October 15th and June 1st. The young canaries arrive in this country in June, but do not sing much until the fall months; for that reason we do not care to ship out a bird until its power of song has been developed. In this way we know just what each bird will do in the way of song and can guarantee them as to singing qualities. In this way no bird buyer is disappointed. This is simply in line with our general practice of making every customer a satisfied customer.

## PRICE DELIVERED:

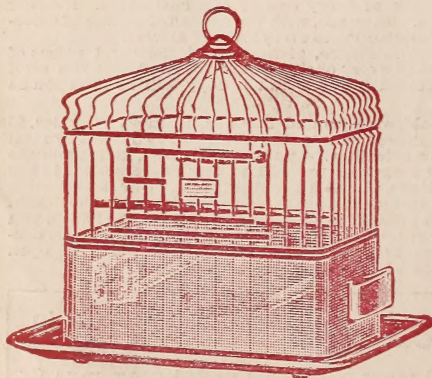
**Male Canaries, Guaranteed Singers,** delivered at any express office in the Southern States, \$3.50 each.

**Female Canaries, for Breeding only,** delivered \$1.50 each.

**OUR CANARY BOOK** tells how to keep canaries in good health and song at all times, how to feed them, when and what. Everything about Canary Birds that the owner of a bird ought to know. It's free to anyone who owns a bird or expects to buy one.

## BRASS AND JAPANNED CANARY CAGES

We ship the birds, when metal cages are not ordered with the birds, in small wooden cages. We can furnish Japanned or Brass cages if desired. The best and prettiest cages are the brass cages with brass wire guard cloth as shown in the illustration.



Brass Cage with Wire Guard.

## JAPANNED CANARY CAGES

Our Japanned cages are the best made—strong wire, painted zinc white, beautifully trimmed and thoroughly baked, making the enamel as hard as china, in five sizes ranging from 9x6 inches to 11x8. Prices 70 cents, 90 cents, \$1.00, \$1.15, \$1.25.

## BRASS CANARY CAGES

Constructed of strong wire, lacquered, of superior quality and will not rust or tarnish in any climate. In same sizes as Japanned cages, \$1.00, \$1.25, \$1.50, \$1.75 and \$2.00. These are durable and satisfactory cages.

## BRASS CAGE WITH WIRE GUARD.

These are brass cages with a guard of fine brass wire gauze as shown in the illustration. This prevents the birds from throwing the seed outside of the cage. This is the most satisfactory cage of all and our best seller. Five sizes—\$1.75, \$1.90, \$2.10, \$2.25, \$2.50.

**CAGE PRICES** do not include delivery when ordered separately. If ordered with a bird we will deliver both at the price of the bird and cage.